

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problems Mailbox.**



GE Lighting North America



[Home Lighting](#) |
 [Business Lighting](#) |
 [Specifier/OEM](#) |
 [Lighting Institute](#) |
 [WhereToBuy](#) |
 [e-Catalog](#) |
 [Contact Us](#) |
 [Sea](#)
[Lighting Solution Center](#) |
 [Business Solutions](#) |
 [Products](#) |
 [Fixtures](#) |
 [GELightNet](#) |
 [Literature Library](#)



Mouse-over the options below to find out more about lighting for your industry or download one of our Segment Brochures.



HOSPITALITY	PROPERTY MGMT.	RETAIL	WAREHOUSE/ DISTRIBUTION	RESTAURANT	INDUSTRIAL	HEALTH SERVICES	UTILITY/ PUBLIC	SCHOOLS AND UNIVERSITIES
-------------	-------------------	--------	----------------------------	------------	------------	--------------------	--------------------	-----------------------------

Quick Sea



© 1997-2002 General Electric Company - USA

Adva

[Press Room](#) |
 [FAQ](#) |
 [GE.com](#) |
 [Careers](#) |
 [Privacy](#)

**GE Lighting North America****ULTRA
ELECTRON**

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
[Lighting Solution Center](#) | [Business Solutions](#) | [Products](#) | [Fixtures](#) | [GELightNet](#) | [Literature Library](#)



Hospitality Needs



OPERATIONAL EFFICIENCIES	PROFIT ENHANCEMENT	SECURITY & FUNCTION	RISK MANAGEMENT

Operational Efficiencies & Profit Enhancement

- [Compact Fluorescent Family](#)
- [Linear and Ballast](#)
- [Halogen](#)

Security & Function

- [Compact Fluorescent](#)
- [Halogen](#)
- [HID Lamps](#)

Risk Management

- [CovRGuard](#)

What matters to you most?

Mouse over the above concerns to learn more about how the proper can improve and make day-to-day hospitality operations more efficient

Select a product from the left side menu to learn more.

Quick Sea

Select Section

Select Country



© 1997-2002 General Electric Company - USA

Adva

[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy](#)

**GE Lighting North America****ULTRA
ELECTRON**

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
[Lighting Solution Center](#) | [Business Solutions](#) | [Products](#) | [Fixtures](#) | [GELightNet](#) | [Literature Library](#)



Property Management Needs



TENANT SATISFACTION	ELECTRICAL OPTIMIZATION	LABOR PRODUCTIVITY	SAFETY / SECURITY	ENVIRONMENT

Tenant Satisfaction

• [HIR/XL](#)

Electrical Optimization

• [Genura](#)
• [Electronic Ballast Systems](#)
• [HIR](#)

Labor Productivity

• [HIR/XL](#)

Safety & Security

• [Staybright](#)
• [Lucalox XL](#)

Environmental

• [Ecolux](#)
• [Ecolux XL](#)

What matters to you most?

Is it insuring that tenants are completely satisfied? How about reducing property's energy costs or increasing productivity? The right lighting can positively impact the safety of the property and address environmental

Mouse over the above concerns to learn more about how GE Lighting products that impact properties or select a product from the left side menu.

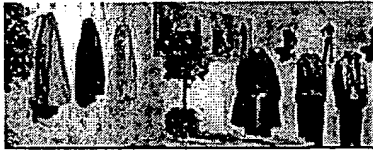
Quick Search**Advanced**

© 1997-2002 General Electric Company - USA

[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy](#)


GE Lighting North America


[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Search](#)
[Lighting Solution Center](#) | [Business Solutions](#) | [Products](#) | [Fixtures](#) | [GELightNet](#) | [Literature Library](#)



Retail

The proper lighting technology can impact retail lighting in a variety of ways.



Need more information on a lighting application?
 Choose between external, general perimeter, accent or display lighting.

Literature Library

Download electronic copies of the latest publications from GE Lighting to get everything from detailed specification data to marketing information.



Instant Access to our world of products.
 ! [e-Catalog](#) Click Here

VIRTUAL LIGHTING DESIGNER
 click here to see the different lighting can make in your business.

Visit the [GE Lighting Press Room](#) for news and information on GE products and services.

Choose another segment:

[Hospitality](#) | [Property Management](#) | [Retail](#) | [Warehouse](#)
[Restaurant](#) | [Industrial](#) | [Health Services](#) | [Utility Public](#)
[Schools and Universities](#)

Quick Search

Select Section
 Select Country



© 1997-2002 General Electric Company - USA

Advanced Search

[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy Policy](#) | [Terms](#)



GE Lighting North America

**ULTRA
ELECTRONICS**

Home Lighting | Business Lighting | Specifier/OEM | Lighting Institute | WhereToBuy | e-Catalog | Contact Us | Sea
 ■ Lighting Solution Center | ■ Business Solutions | ■ Products | ■ Fixtures | ■ GELightNet | ■ Literature Library



Retail



EXTERIOR	GENERAL	PERIMETER	ACCENT	DISPLAY

Accent Lighting

Attracting customers to key displays
 highlighting special presentation. Good accent
 lighting can create a dramatic image
 and attract shoppers. Designing their interest
 and inviting them to buy.

Learn more about Retail Lighting...

Check out our upcoming course at the GE
 Lighting Institute.

Choose another segment:

Hospitality | Property Management | Retail |
 Warehouse | Restaurant | Industrial | Health
 Services | Utility Public | Schools and

University

product highlight

Good lighting is a valuable tool that attracts customers and aids in the merchandise. Proper lighting enhances the shopping environment. When highlighting primary display areas or focusing attention on specials in the way, effective lighting can produce a visually lively atmosphere that both spontaneous and repeat sales in a wide range of retail settings.

See the difference.

Visit the [Virtual Lighting Designer](#).

MOUSE-OVER THE KEY RETAIL AREAS ABOVE FOR MORE INFORMATION...

Quick Sea

Adva

Press Room | FAQ | GE.com | Careers | Privacy

Select Section

Select Country



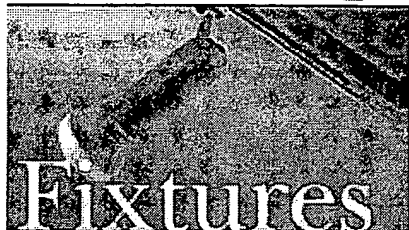
© 1997-2002 General Electric Company - USA



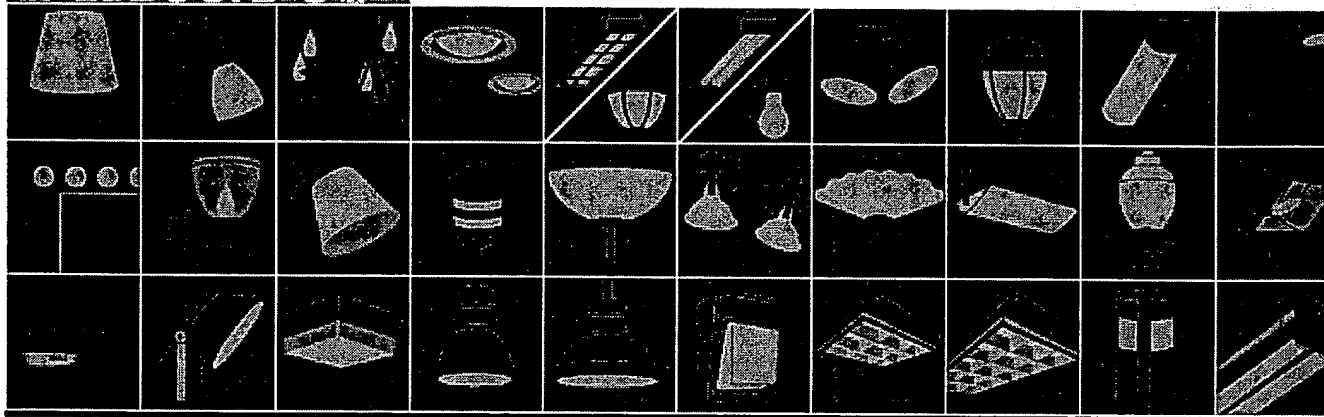
GE Lighting North America

**ULTRA
ELECTRON**

Home Lighting | Business Lighting | Specifier/OEM | Lighting Institute | WhereToBuy | e-Catalog | Contact Us | Sea
 Lighting Solution Center | Business Solutions | Products | **Fixtures** | GELightNet | Literature Library



Mouse-over and click on the *Fixture* options below to reveal the types of products that complement these fixtures. For specific lighting solutions select one of our Wizards.



Quick Sea

Adva

Select Section ☐

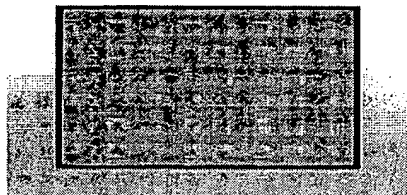
Select Country ☐

© 1997-2002 General Electric Company - USA

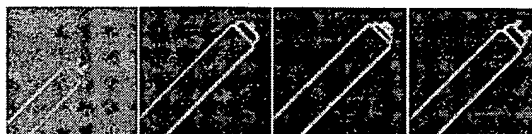
Press Room | FAQ | GE.com | Careers | Privacy

**GE Lighting North America****ULTRA
ELECTRON**

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
[Lighting Solution Center](#) | [Business Solutions](#) | [Products](#) | [Fixtures](#) | [GELightNet](#) | [Literature Library](#)



2x4 Fluorescent



A 2 foot by 4 foot luminaire that is used in interior spaces for general illumination. Generally equipt with 2 or more fluorescent lamps this fixture can have diffusers or prismatic distribution. Generally can accommodate 3 to 4 lamps with appropriate ballasting.

With the right bulb, your *2x4 Fluorescent Fixture* can offer any kind o the **Fluorescent** option above to learn more.

For specific lighting solutions, visit our [Lighting Solutions Center](#) and **Wizards** guide you to the *appropriate* products.

MOUSE-OVER THE BULBS FOR
MORE INFORMATION...

Quick Sea

Select Section

Select Country



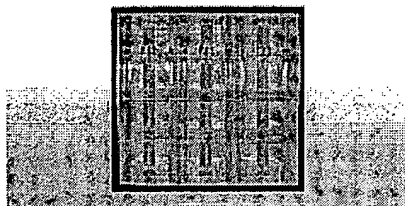
© 1997-2002 General Electric Company - USA

Adva

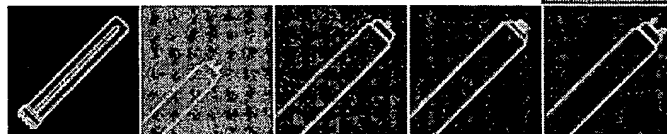
[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy](#)

**GE Lighting North America****ULTRA
ELECTRON**

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
■ [Lighting Solution Center](#) | ■ [Business Solutions](#) | ■ [Products](#) | ■ [Fixtures](#) | ■ [GELightNet](#) | ■ [Literature Library](#)



2x2 Fluorescent



A 2 foot by 2 foot luminaire that is used in interior spaces for general illumination. Generally equipt with 2 or more fluorescent lamps, this fixture can have diffusers or prismatic distribution.

With the right bulb, your *2x2 Fluorescent Fixture* can offer any kind o the **Fluorescent** or **CFL** option above to learn more.

For specific lighting solutions, visit our [Lighting Solutions Center](#) and **Wizards** guide you to the *appropriate* products.

**MOUSE-OVER THE BULBS FOR
MORE INFORMATION...**

Quick Sea

Select Section

Select Country



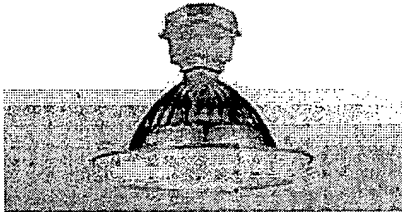
© 1997-2002 General Electric Company - USA

Adva

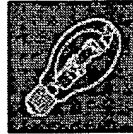
[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy](#)

**GE Lighting North America****ULTRA
ELECTRON**

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
■ [Lighting Solution Center](#) | ■ [Business Solutions](#) | ■ [Products](#) | ■ [Fixtures](#) | ■ [GELightNet](#) | ■ [Literature Library](#)



Low Bay

**Lighting VV**

Industrial fixtures generally used in Low-Bay applications. They use reflectors to broadly distribute the light over large areas. Low-Bay fixtures are typically used in applications that have ceilings between 20 to 30 feet.

With the right bulb, your *Low Bay Fixture* can offer any kind of light. [Click](#) option above to learn more.

For specific lighting solutions, visit our [Lighting Solutions Center](#) and [Wizards](#) guide you to the *appropriate* products.

**MOUSE-OVER THE BULBS FOR
MORE INFORMATION...**

Quick Sea

Adva

Select Section

Select Country

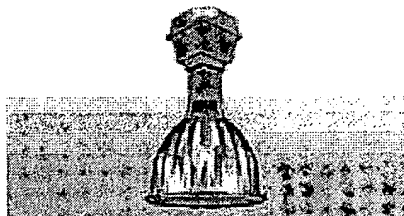


© 1997-2002 General Electric Company - USA

[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy](#)

**GE Lighting North America****ULTRA
ELECTRON**

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
[Lighting Solution Center](#) | [Business Solutions](#) | [Products](#) | [Fixtures](#) | [GELightNet](#) | [Literature Library](#)



High Bay



Industrial fixtures generally used in High-Bay applications. They use reflectors to properly distribute the light where needed. High-Bay fixtures are typically used in applications that have ceilings higher than 30 feet.

With the right bulb, your *High Bay Fixture* can offer any kind of light. [Click the HID option above](#) to learn more.

For specific lighting solutions, visit our [Lighting Solutions Center](#) and [Wizards](#) guide you to the *appropriate* products.

**MOUSE-OVER THE BULBS FOR
MORE INFORMATION...**

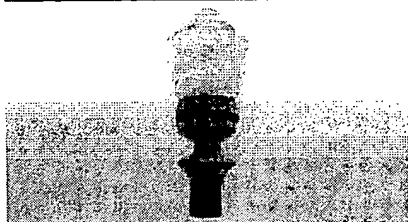
Quick Sea**Adva**

© 1997-2002 General Electric Company - USA

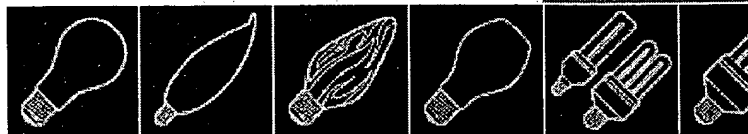
[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy](#)

**GE Lighting North America****ULTRA
ELECTRON**

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Search](#)
[Lighting Solution Center](#) | [Business Solutions](#) | [Products](#) | [Fixtures](#) | [GELightNet](#) | [Literature Library](#)



Post Lamp



An outdoor lighting element used for walkway, area, street and applications where a decorative look is preferred. Post lamps can take on many different architectural appearances and offer a wide selection of light sources.

With the right bulb, your *Post Lamp* can offer any kind of light. Choose an option above to learn more.

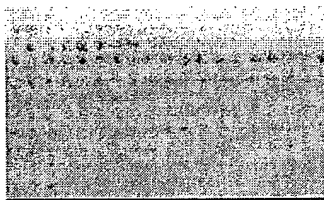
For specific lighting solutions, visit our [Lighting Solutions Center](#) and [Wizards](#) guide you to the appropriate products.

**MOUSE-OVER THE BULBS FOR
MORE INFORMATION...**

Quick Search**Advanced**Select Section Select Country 

© 1997-2002 General Electric Company - USA

[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy](#)


GE Lighting North America
[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
[Products & Specifications](#)
[Tools](#)
[Resources](#)
[Literature Library](#)
[Specialty Lighting](#)


Value*Light 1.3



Download the
Value*Light
1.3 Advanced
Cost of Light
Tool for free.

feature

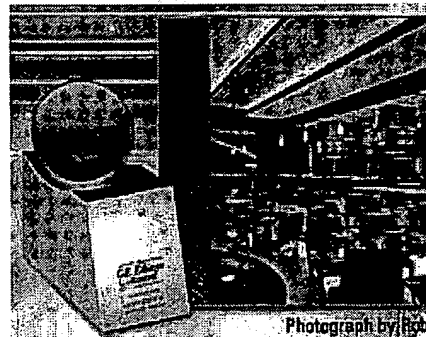
2002 Edison Award

Entry deadline approaches...

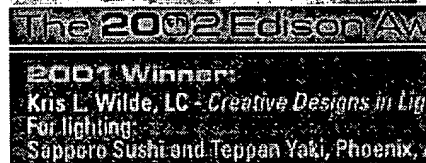
Become a part of history and join what will be a memorable celebration of the 20th anniversary of the GE Edison Award.

The deadline for entering your professional lighting project is almost here. Qualifying entries must be received by mail no later than Monday, February 3, 2003.

[Learn more.](#)



Photograph by [illegible]



[More on Edison A](#)

Edison Award FAQ



Browse the list of frequently asked Edison Award questions and answers.

Call For Entries



Over the past 19 years, the Ed Award has recognized outstanding designs. [Learn more.](#)

Lighting Institute

Conferences

January | 27-31 |
Fundamentals of Commercial
and Industrial Lighting

February | 12-13 |
Healthcare Lighting

February | 19-21 |
Distributor Lighting Basics**

February | 27-28 |
Lighting Retrofit

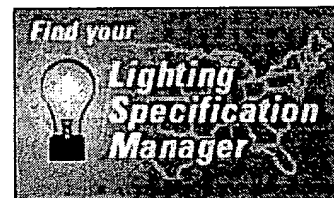
[Register Online](#)

For GE Lighting Conferences

Energy Star



Take a look at
GE Lighting's
Energy Star
products.



Find Your GE Lighting Specification Man

What are the new lighting technologies GE is working on? How get samples of the new GE Lamps I am specifying? My GE Light catalog is out of date...where can I obtain a new one?

Have a [GE Lighting Specification Manager](#) help you find the an you are looking for.

Archived Webcasts



View archived GE Lighting webcasts from your PC.

e-Catalog



Don't wait a minute for the late product information...instant a to our [world of products](#).

[Resou](#)

[Product Inform](#)

Specialty Lighting

Literature Library

[Lighting for medical/scientific,](#)

[Download, view and print](#)

Lighting Toolkit



Seven simple
estimating
tools for
lighting
professionals.



entertainment, germicidal, aircraft,
and other specialty applications.



informative materials on GE's
products.

Press Releases

Additional Reso

[Commercial Products](#)

[Reveal](#)

[Specialty Lighting](#)

[Environmental Information](#)

[Lightfair International](#)

[Industry Links](#)

Quick Search

Select Section

Select Country



[Advanced Search](#)

© 1997-2002 General Electric Company - USA

[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy Policy](#) | [Terms](#)

**GE Lighting North America****2002 Edison Award**

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
[Products & Specifications](#) | [Tools](#) | [Resources](#) | [Literature Library](#) | [Specialty Lighting](#)



Tools

Software and interactive resources to help you master the subtleties of light.

[Value*Light](#) | [Quality of Light](#) | [Hi*Calc Software](#) | [Light*Beams Software](#) | [IES Downloads](#)

Value*Light

Contrary to popular belief, cost of light is not the purchase price of the lamps themselves; it's primarily the lamps' energy usage. The lamp purchase represents only a small fraction, 4 percent, of the overall cost of light.

Value*Light is a Cost of Light tool. It allows you to present a sophisticated analysis of the cost of operating and owning a lighting system. It compares different systems and points out the best alternatives.

For example, \$4,000 a year in lamp replacement costs may add up to \$88,000 per year in electric energy costs. The exact ratio will depend on the kind of lamps used and energy costs in the area.

Energy efficient lamps that use 20 percent less power, while providing the same amount of light, can save you approximately \$17,000 a year on your energy bills.

Our analysis of a 50,000 square-foot retail store that replaced older F40 Cool White T12 fluorescent lamps with new GE electronic ballasts and GE T8 lamps (with the patented Starcoat™ technology) averaged \$13,000 in annual electrical energy cost savings. Thousands of stores, factories and offices making this simple lamp switch out each year and getting similar savings.

GE T8 fluorescent lamps are built with Starcoat™ technology, which offers superior lumen maintenance over life of the lamp. A 32-watt T8 lamp operating on an efficient electronic ballast, has a higher maintained light output than a 40-watt T12 lamp. This setup also eliminates light flicker and offers improved color.

The small investment in labor and ballasts will result in a phenomenal payback by recovering more than half your investment in the first year alone—almost 60 percent return on investment!

With those figures in mind, a 50-store retail chain would save approximately \$2.7 million in energy over the life of the lamps. Offices, factories and other retail venues would benefit from similar savings. The more hours a day you burn the lamps, the faster the payback period for your investment.

[Click here to download.](#)

Quick Search

Select Section

Select Country



© 1997-2002 General Electric Company - USA

Advanced Search

[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy Policy](#) | [Terms](#)


GE Lighting North America

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
[Products & Specifications](#) | [Tools](#) | [Resources](#) | [Literature Library](#) | [Specialty Lighting](#)



Tools

[Value*Light](#) | [Quality of Light](#) | [Hi*Calc Software](#) | [Light*Beams Software](#) | [IES Downloads](#)

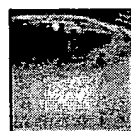


Value*Light

There's more to lighting costs than the cost of the lamps.

Hi*Calc Software

Calculate the effect that input voltage has on incandescent and halogen lamp life, color temperature, and light output.



Quality of Light

View dimensions of light source color - color temperature and color rendering - for the most popular light sources.

Light*Beams Software

Just updated! This downloadable interactive software is designed to help you choose the right GE light for your downlighting and accent needs.



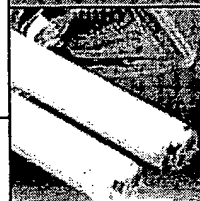
IES Downloads

Download IES formatted files for use in fixture software.

Software and interactive resources to help y master the subtleties of light.

Edison Award

See past and present winners [Click here](#)



Are you using
the *Right Light*

Virtual Lighting Designer

Confused about which light to place where? Visualize difference using GE Lighting's Virtual Lighting Design wizard.

UltraMax Ballast Cross Reference

Let the Electronic Ballast Cross Reference & Selector help you find the correct UltraMax Ballast option to fit needs.

GE Lighting Toolkit

Seven simple tools to help you quickly estimate quanti watts per square foot, energy costs and dimming system wattage. Access the toolkit [online](#) or [download](#) a zip fi your computer.

Quick Search

Select Section

Select Country



© 1997-2002 General Electric Company - USA

Advanced Search

[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy Policy](#) | [Terms](#)

[To GE Lighting Toolkit Home](#)

Watts per sq. foot Estimator

Copyright ©2002
General Electric Company
All Rights Reserved
Version 1.03

Compare watts/sq. foot values for two alternate lighting configurations. **SEE INSTRUCTIONS AT BOTTOM.**

Print

INPUT		
Area to be lit	<input type="text"/> sq. ft.	
...	SYSTEM 1	SYSTEM 2
System Name (optional)	<input type="text"/>	<input type="text"/>
No. of Fixtures	<input type="text"/>	<input type="text"/>
Watts per Fixture	<input type="text"/>	<input type="text"/>
Calculate		
..	SYSTEM 1	SYSTEM 2
Total System Load	<input type="text"/>	<input type="text"/>
Watts per sq. foot	<input type="text"/>	<input type="text"/>

INSTRUCTIONS: Enter the correct values in the gray cells and press calculate.

GE Lighting Institute presents. . .

GE LIGHTING TOOLKIT! Version 1.03

Simple Tools to answer Lighting Energy Questions!

<u>Simple Energy Estimator</u>	Calculate energy used by existing system, compare with proposed upgrade and calculate time to recoup investment.
<u>Watts per sq. foot Estimator</u>	Compare watts/sq. foot values for two alternate lighting configurations.
<u>Lighting Layout Estimator</u>	Estimate the number of fixtures needed to light an indoor area to a specified light level (foot-candles).
<u>Fixture Replacement Estimator</u>	Figure out how many fixtures with lamp B can replace the lamp A fixtures while maintaining the average light level.
<u>Dimming System Watts Estimator</u>	Obtain an overall equivalent wattage and calculate energy reduction when using a dimming system.
<u>Cost of Waiting Estimator</u>	Investigate how much it is costing to postpone the lighting upgrade.
<u>Simple Life- Cycle Cost Estimator</u>	Compute and compare Life Cycle Costs of two different lamps.
LIGHTING TOOLKIT MAKES ESTIMATING EASY! <small>Copyright ©2002 General Electric Company, All Rights Reserved. Version 1.03</small>	

[To GE Lighting Toolkit Home](#)

SIMPLE ENERGY Estimator

Copyright ©2002
General Electric Company
All Rights Reserved
Version 1.03

Calculate energy used by proposed system upgrade, compare with existing system and calculate time to recoup investment.

SEE INSTRUCTIONS AT BOTTOM.

Print

INPUT		OUTPUT.....	
Number of Fixtures	<input type="text" value="1"/>	(Current system) Energy used per yr. <input type="text"/>	Enter the amount needed to upgrade each fixture and press "Calculate" again.
Hours burned per yr.	<input type="text" value="4500"/>	(Proposed system) Energy used per yr. <input type="text"/>	Investment to upgrade (per fixture) \$ <input type="text"/>
Cost per kWh \$	<input type="text" value="0.10"/>	Energy savings per yr. Total <input type="text"/>	Energy savings alone will recoup investment in <input type="text"/>
(Current System) Watts per fixture	<input type="text"/>	Energy savings per yr. Each fixture <input type="text"/>	True payback including labor avoidance, A/C savings, etc. can be calculated by using GE's value*light tool which can be downloaded from www.gelighting.com (North America)
(Proposed System) Watts per fixture	<input type="text"/>	<input type="button" value="Calculate"/>	

INSTRUCTIONS: Enter the correct numbers in the 5 gray cells on the left and press "Calculate". You may change the default numbers provided for cost per kWh, hours burned, etc.. NEXT STEP: If you put in the investment to upgrade (per fixture) and press "Calculate" again you will discover the time it takes--from energy savings alone--to recoup the investment.

This investment should include lamp, ballast and labor required to get the fixture ready; you may subtract any offsetting costs that would have been incurred with the current system. Example: if you were going to relamp anyway, then the labor would wash out and not be included in the investment. Also, you would subtract the cost of the old lamp from the cost of the proposed upgrade lamp as an offsetting cost, figuring out only how much "extra" it cost to perform the upgrade.

<u>To GE Lighting Toolkit Home</u>	Lighting Layout Estimator	Copyright ©2002 General Electric Company All Rights Reserved Version 1.03
---	--------------------------------------	--

Estimate number of fixtures needed to light an indoor area to a specified light level (foot-candle level). **SEE INSTRUCTIONS AT BOTTOM.**
Print

INPUT					
Area to be lit (sq. ft.)	10000	Footcandles desired		Fixture Watts	
No. of lamps per fixture		Rated Mean Lumens per lamp		Ballast Factor (BF)	1.0
Burning hours per year	4500	Electricity rate (\$ per kWh)	0.10	Coefficient of Utilization (CU)	0.60

Calculate

Estimated no. of fixtures		Estimated no. of lamps		Estimated fixture spacing	
Total kW load		Energy cost per year		Watts per square foot	

INSTRUCTIONS: Enter the correct numbers in the gray cells and press "Calculate". For an explanation of the terms "Ballast Factor" and "Coefficient of Utilization," please click on the labels. Note that this estimator does include the effects of ballast factor and lumen depreciation but does not include Light Loss Factors (LLF) from ambient temperature, voltage, dust, tarnishing etc..

[To GE Lighting Toolkit Home](#)

Fixture Replacement Estimator

Copyright ©2002
General Electric Company
All Rights Reserved
Version 1.03

Figure out how many fixtures with lamp B can replace the fixtures with lamp A while maintaining the same light level. Or, if you leave the number of fixtures unchanged, figure out the percentage change in light level.




SEE INSTRUCTIONS AT BOTTOM.	LAMP A	LAMP B
Lamp or System Name (optional)	<input type="text"/>	<input type="text"/>
No. of Lamps per Fixture	<input type="text"/>	<input type="text"/>
Lamp Mean Lumens	<input type="text"/>	<input type="text"/>
Ballast Factor (BF)	<input type="text" value="1.00"/>	<input type="text" value="1.00"/>
Coeff. of Utilization (CU)	<input type="text" value=".60"/>	<input type="text" value=".60"/>
No. of Existing Fixtures (Lamp A)	<input type="text"/>	
SOURCE MEAN LUMENS PER FIXTURE	<input type="text"/>	<input type="text"/>
USABLE MEAN LUMENS PER FIXTURE	<input type="text"/>	<input type="text"/>
(1) Change in Average Light level if number of fixtures is left unchanged.		<input type="text"/>
(2) No. of Fixtures (Lamp B) required to maintain same average light level.		<input type="text"/>


INSTRUCTIONS: Enter the correct numbers in the gray cells and press "Calculate". For an explanation of the terms "Ballast Factor" and "Coefficient of Utilization," you may click on the labels.

This tool may be used to estimate the reduction (or increase) in light levels when you replace lamps without changing the number of fixtures, **OR** it can estimate the number of fixtures (with lamp B) required to maintain the same average light level.

<u>To GE Lighting Toolkit Home</u>	<h2 style="margin: 0;">Dimming System Watts Estimator</h2>	Copyright ©2002 General Electric Company All Rights Reserved Version 1.03
--	--	--

Obtain an overall equivalent wattage and calculate energy reduction obtained when using a dimming system. 

SEE INSTRUCTIONS AT BOTTOM.

INPUT		
Fixture Watts at Full Power <input style="width: 80px;" type="text"/>	Number of Fixtures <input style="width: 80px;" type="text"/>	
Operational Setting	Percent of Full Power	Percent of Time at this Setting
Full Power	100 %	<input style="width: 60px;" type="text"/> %
Dimming Setting 1	<input style="width: 60px;" type="text"/> %	<input style="width: 60px;" type="text"/> %
(Optional) Dimming Setting 2	<input style="width: 60px;" type="text"/> %	<input style="width: 60px;" type="text"/> %
		
	At Full Power	With Dimming
Effective Fixture Watts	<input style="width: 80px;" type="text"/>	<input style="width: 80px;" type="text"/>
Relative Power Consumption	100 %	<input style="width: 80px;" type="text"/>
Total Power Load (kW)	<input style="width: 80px;" type="text"/>	<input style="width: 80px;" type="text"/>
Power Reduction with Dimming System (kW)		<input style="width: 80px;" type="text"/>

INSTRUCTIONS: The estimator assumes that the system can be operated at three settings: **Full Power**, **Dimming Setting 1** (for example, 70% power) and **Dimming Setting 2** (say, 50% power). Enter the fraction of time the system is being operated at each setting, e.g. 20% of the time at full power, 50% of the time at 70% power, and 30% of the time at the 50% power setting. Then press "Calculate".

<u>To GE Lighting Toolkit Home</u>	COST OF WAITING Estimator	Copyright ©2002 General Electric Company All Rights Reserved Version 1.03
--	----------------------------------	--

Not changing your lighting can be costing you money!
 Calculate the cost of postponing the proposed lighting upgrade. **SEE INSTRUCTIONS AT BOTTOM.**

INPUT		
Number of Fixtures <div style="border: 1px solid black; width: 40px; text-align: center; margin: 0 auto;">1</div>	Hours burned per yr. <div style="border: 1px solid black; width: 40px; text-align: center; margin: 0 auto;">4500</div>	Cost per kWh \$ <div style="border: 1px solid black; width: 40px; text-align: center; margin: 0 auto;">0.10</div>
	Current System	(If) Upgraded
Watts per fixture <div style="border: 1px solid black; width: 40px; height: 15px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 15px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 15px; margin: 0 auto;"></div>
<div style="background-color: #cccccc; border: 1px solid black; padding: 2px 10px; display: inline-block; cursor: pointer;">Calculate</div>		
Energy \$ used per yr.	Current System <div style="border: 1px solid black; width: 40px; height: 15px; margin: 0 auto;"></div>	If Upgraded <div style="border: 1px solid black; width: 40px; height: 15px; margin: 0 auto;"></div>
Cost of Waiting (The Cost of Doing Nothing)	<div style="border: 1px solid black; width: 40px; height: 15px; margin: 0 auto;"></div> per year =	<div style="border: 1px solid black; width: 40px; height: 15px; margin: 0 auto;"></div> per month

INSTRUCTIONS: Enter the correct numbers in the input section and press "Calculate". You may change the default numbers provided for cost per kWh, hours burned, etc..

This tool presents the cost of postponing the lighting upgrade as the potential energy savings that are being denied.

**To GE Lighting
Toolkit Home**

Simple Life-Cycle Cost Estimator

Copyright ©2002
General Electric Company
All Rights Reserved
Version 1.03

Compare life cycle costs for two different lamps. Life-cycle cost-benefit analysis is the method recommended by the Illumination Engineering Society of North America (IESNA).
SEE INSTRUCTIONS AT BOTTOM.

Print

INPUT		
Burning Hours per yr.	<input type="text" value="4500"/>	..Cost per kWh <input type="text" value=".10"/>
...	LAMP A	LAMP B
Lamp Name (optional)	<input type="text"/>	<input type="text"/>
Lamp Watts (fixture watts/no. of lamps in fixture)	<input type="text"/>	<input type="text"/>
Lamp Cost (include disposal cost)	<input type="text"/>	<input type="text"/>
Lamp Life (hr.)	<input type="text"/>	<input type="text"/>
Labor \$ to replace Lamp	<input type="text"/>	<input type="text"/>
Lamp Mean Lumens (OPTIONAL)	<input type="text"/>	<input type="text"/>
Calculate		
(Calculations below are based on Life-Cycle Costs for a single lamp)	LAMP A	LAMP B
Cost over Lamp Life	<input type="text"/>	<input type="text"/>
Cost per 1000 hours	<input type="text"/>	<input type="text"/>
Cost per year	<input type="text"/>	<input type="text"/>
Cost per million lumen-hours	<input type="text"/>	<input type="text"/>
Annualized Savings, Lamp B over Lamp A	<input type="text"/>	

INSTRUCTIONS: Enter the correct values in the input cells and press calculate. You may change the values for hours per year and \$ per kWh that are provided as default values.

If you are comparing lamps with significantly different light output, the "Cost per year" numbers may differ drastically and the "Annualized Savings" number is not meaningful. Therefore, "Cost per million lumen-hours" is a useful comparison of the two lamps and represents a true "Cost of Light."

**GE Lighting North America****2002 Edison Award**

Home Lighting | Business Lighting | Specifier/OEM | Lighting Institute | WhereToBuy | e-Catalog | Contact Us | Sea
Products & Specifications | Tools | Resources | Literature Library | Specialty Lighting



Tools

Software and interactive resources to help you master the subtleties of light.

Value*Light | Quality of Light | Hi*Calc Software | Light*Beams Software | IES Downloads

Hi*Calc Software

Learn how differences in voltage affect life, light output, and color of Halogen and Incandescent lamps.

Specify the voltage that the lamp was designed to operate and the voltage at which the lamp will actually operate after it is installed - Hi*Calc will do the rest. Through easy-to-read dimeters, HI*Calc allows you to evaluate light output, efficiency, life, power consumption, and chromaticity as a function of voltage shift. The meter readings can be easily converted to graphical representations for trend analysis.

System Requirements for HI*Calc:

- Minimum 486 PC SVGA MONITOR
- 2MB Free Disk space DOS 5.0 or greater Windows
- 3.1 Recommended
- 486 PC Pentium or better DOS 6.0 or greater Windows 3.1, Windows 95 or NT

For best results, please set your Windows Video driver to 1024x768 resolution.

[Click here to Download](#)



Quick Search

Select Section

Select Country



© 1997-2002 General Electric Company - USA

Advanced Search

[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy Policy](#) | [Terms](#)

**GE Lighting North America****2002 Edison Award**

Home Lighting | Business Lighting | Specifier/OEM | Lighting Institute | WhereToBuy | e-Catalog | Contact Us | Sea
■ Products & Specifications | ■ Tools | ■ Resources | ■ Literature Library | ■ Specialty Lighting

**Tools**

Software and interactive res
master the subtleties of ligh

Value*Light | Quality of Light | Hi*Calc Software | Light*Beams Software | IES Downloads

Quality of Light

Color Temperature indicates the atmosphere created by the light source.

The higher the color temperature, the "cooler" the color.

Color temperatures...

- Of 2000K -3000K create a "warm" atmosphere.
- Above 4000K are "cool" in appearance.
- Between 3000K and 4000K are considered intermediate and tend to be preferred.

Color Rendering Index (CRI) rates a light source's ability to render colors in a natural way, based on a scale from 0 to 100.

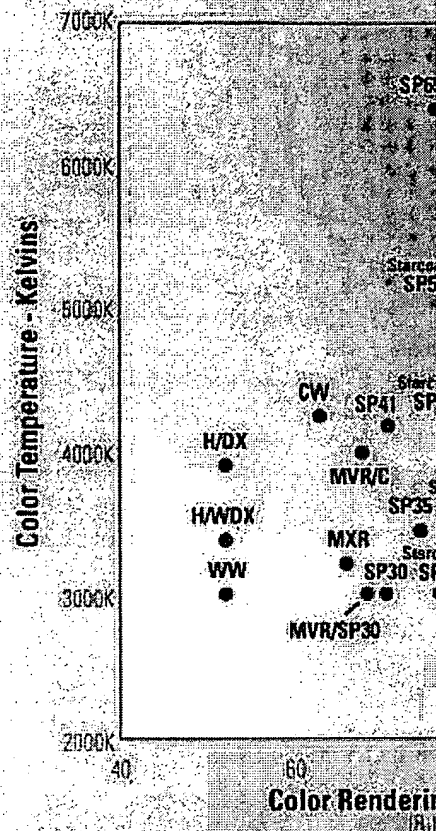
In general, light sources with high CRI (80-100) will make people and things look better than those with lower CRIs.

Color Rendering and Color Temperature

The chart at right shows both dimensions of light source color—color temperature and color rendering—for the most popular light sources.

Lamp Designations Are:

SP30	Specification Series 3000K Fluorescent
SP35	Specification Series 3500K Fluorescent
SP41	Specification Series 4100K Fluorescent
SP65	Specification Series 6500K Fluorescent
SPX30	Deluxe Specification Series 3000K Fluorescent
SPX35	Deluxe Specification Series 3500K Fluorescent
SPX41	Deluxe Specification Series 4100K Fluorescent
SPX50	Deluxe Specification Series 5000K Fluorescent
CW	Cool White, Fluorescent
WW	Warm White, Fluorescent
C50	Chroma 50, Fluorescent
INC	Incandescent
H/DX	Mercury Deluxe
H/WDX	Mercury Warm Deluxe
MVR	Multi-Vapor*
MVR/SP30	Multi-Vapor*, Phosphor Coated
MXR	Halarc*
LU/DX	Deluxe Lucalox [®]
CMH	ConstantColor CMH [™]



Quick Search

Select Section

Select Country



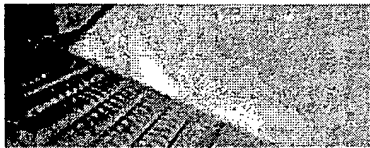
Advanced Search

© 1997-2002 General Electric Company - USA

[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy Policy](#) | [Terms](#)


GE Lighting North America
2002 Edison Award

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Search](#)
[Products & Specifications](#) | [Tools](#) | [Resources](#) | [Literature Library](#) | [Specialty Lighting](#)



Tools

Software and interactive resources to help you master the subtleties of light.

[Value*Light](#) | [Quality of Light](#) | [Hi*Calc Software](#) | [Light*Beams Software](#) | [IES Downloads](#)

Light*Beams Software

GE Lighting offers multiple tools for business customers. Our Light*Beams Software delivers a desktop tool for your essential lighting information.



Light*Beams™ - Directional Lamp Performance Software, now including year 2000 product interactive piece of software designed to help you choose the perfect GE R, PAR, MR or ER lamp for your downlighting and accent lighting needs.

Use Light*Beams to display the candlepower data for any lamp you choose - Light*Beams will perform the simple point calculations to tell you how much light will fall onto the surface as either a candle curve or cone diagram. Select a lamp, define its distance from a surface and its aiming angle with surface, and Light*Beams will do the rest. If you aren't sure which lamp to choose, let Light*Beams help you. Light*Beams contains Lamp*Scout which will identify lamps meeting your performance criteria.

System Requirements for Light*Beams:

- Minimum 486P CSVGA MONITOR
- 2MB Free Disk space DOS 5.0 or greater Windows 3.1 Recommended
- 486 PC Pentium or better
- DOS 6.0 or greater
- Windows 3.1, Windows 95 or NT

For best results, please set your Windows Video driver to 1024 x 768 resolution, 256 color.

[Click here to Download](#)

Quick Search

Select Section ☐
 Select Country ☐



© 1997-2002 General Electric Company - USA

[Advanced Search](#)

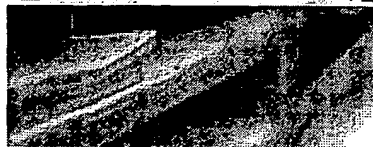
[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy Policy](#) | [Terms](#)



GE Lighting North America

Home Lighting | Business Lighting | Specifier/OEM | Lighting Institute | WhereToBuy | e-Catalog | Contact Us | Sea
 Products & Specifications | Tools | Resources | Literature Library | Specialty Lighting

2002 Edison Award



Resources

Environmental Information | Technical Briefs | Edison Award |
 Industry Links | Specifier Newsletter

Resources to help you make smarter lighting choices.



GE Lighting Specification Managers
 Find the GE Lighting Specification Manager in your area.

Environmental Information

GE is committed to providing environmentally responsible products to satisfy your clients' needs and concerns.



Technical Briefs
 Here's the place to find downloadable GE Technical Briefs written on a variety of technologies.

GE Edison Award Overview

GE Lighting sponsors the Edison Award competition annually to recognize excellence and quality in lighting designs.



Industry Links
 Lighting-related organization web sites provide a wealth of useful information.



**The Right Resources
 for the Right
 Lighting Choice.**

This section includes articles, technical briefs and com that give specific information on lamps and lighting sy that you can utilize when determining what lamp is the choice for any space, product or application you have i

When it comes to specifying lamps for your projects, G Lighting offers a wide array of resources and reference make your choices easier and smarter. Download softw tools to help you identify the best lamp for your perfor criteria.

Are you in need of Technical Information ?

Quick Search

Select Section

Select Country



© 1997-2002 General Electric Company - USA

Advanced Search

Press Room | FAQ | GE.com | Careers | Privacy Policy | Terms



GE Lighting North America

Home Lighting | Business Lighting | Specifier/OEM | Lighting Institute | WhereToBuy | e-Catalog | Contact Us | Sea



[Understanding Light](#)

[About the Institute](#)

[Conferences](#)

[Literature Library](#)

feature

GE Lighting Institute 2003 First-half Conference Schedule

The significance and value of training for the business of lighting has never been more important. Consider the ever changing lighting technologies, and the increasing complexity of lighting systems and their applications.

The Lighting Institute trains and educates lighting designers, distributors and users through comprehensive and interactive conferences. You are invited to experience this world-class facility. [Click here](#) for conferences offered the first half of 2003. For additional conference information contact 800-255-1200, or [e-mail](#) your question.



Business Solutions



Lighting solutions specific to your need and industry.

GE Lighting Institute Mailing

Interested in receiving the 2003 GE Lighting Institute conference brochures? [Click here](#) to be added to our mailing list.

Featured Conference: The Healthcare Lighting conference is designed for facility managers, designers, and maintenance supervisors who are involved in specifying or maintaining lighting systems in a healthcare setting. [Find out more.](#)

Lighting Institute

Conferences

January | 27-31 |
Fundamentals of Commercial and Industrial Lighting

February | 12-13 |
Healthcare Lighting

February | 19-21 |
Distributor Lighting Basics**

February | 27-28 |
Lighting Retrofit

Register Online ▶
for a GE Lighting Conference

FAQ



Lighting Institute questions and answers.

Toolkit



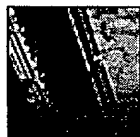
Seven simple estimating tools for lighting professionals. Access the Lighting Toolkit [online](#) or download a [zip file](#) to your computer.

Value*Light 1.3



Download the Value*Light 1.3 Advanced Cost of Light Tool for free.

Literature Library



Download, view and print informative materials on GE Lighting products.

Edison Award Entries



The deadline for entering your professional lighting project is 2/3/03.

Resou

Inform

Specialty Lighting

GE Lighting Auditors

[Lighting for medical/scientific,](#)

Let the GE Lighting Auditors show you how you could save more

Cleveland.com



Check out
what to do
while in
Cleveland!



entertainment, germicidal, aircraft,
and other specialty applications.



your home, business, or school
energy bills.

News

Additional Resources

[Lightfair 2002 Press Releases](#)

[Lighting Solution Center](#)

[GE.com Press Room](#)

[E-catalog](#)

[GELcore News](#)

[Visit GEReveal.com](#)

Quick Search

Select Section ☐

Select Country ☐



Advanced Search

© 1997-2002 General Electric Company - USA

[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy Policy](#) | [Terms](#)

**GE Lighting North America**

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Search](#)
☐ [Consumer](#) | ☒ [Commercial/Industrial](#)



Where to Buy

Find the best lighting for your business through commercial distributor near you. Just click on region below to find out where.

MIDWEST	NORTH CENTRAL	NORTHEAST	PACIFIC MOUNTAIN	SOUTHEAST	SOUTHWEST	HARD TO FIND / SPECIALTY BULBS
---------	------------------	-----------	---------------------	-----------	-----------	---

Quick Search

Advanced

Select Section ☐Select Country ☐

© 1997-2002 General Electric Company - USA

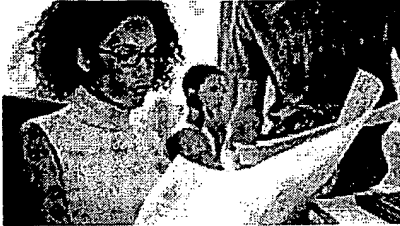
[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy](#)



GE Lighting North America



Home Lighting | Business Lighting | Specifier/OEM | Lighting Institute | WhereToBuy | e-Catalog | Contact Us | Sea
 Consumer | Commercial/Industrial



Where
to Buy

South

Northcentral
 Northeast
 Pacific Mountain
 Southwest
 Southeast
 Midwest
 Hard To Find / Specialty Bulbs

Braid Electric	www.braidelectric.com	1 800 342 1115
Bulbman	www.bulbman.com	1 800 648 1163
CED	www.cedgateway.com	1 818 597 3037
DESCO	www.descoinc.com	1 704 633 6331
E. Sam Jones Distributor	www.esamjones.com	1 800 624 9849
GE Supply	www.gesupply.com	1 888 964 7585
Grainger	www.grainger.com	1 888 361 8649
Graybar	www.graybar.com	1 800 472 9227
Lowe Electric	www.loweelectric.com	1 800 868-8661
Matthews Electric Supply	www.matthewselectric.com	1 800 605 3192
NESCO Electrical Distributors	www.nescoelectric.com	1 662 840 4750
Rexel	www.rexelusa.com	1 972 387 3600
Robinson Electric	www.robinson-electric.com	1 308 632 2223
Shepherd Electric Supply	www.shepherdelec.com	1 800 253 1777
Womack Electric Supply	www.womackelectric.com	1 804 793 5134

Not all distributors carry a full line of GE Lighting products at every location. Please contact your local distributor for product availability.

Quick Search

Select Section
 Select Country



Advanced Search

Press Room | FAQ | GE.com | Careers | Privacy Policy | Terms

© 1997-2002 General Electric Company - USA



GE Lighting North America



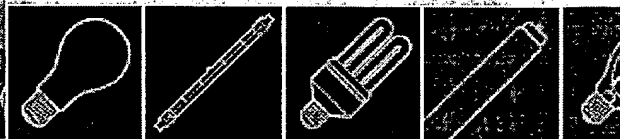
[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [Where to Buy](#) | [e-catalog](#) | [Contact](#)

☒ [Browse](#) | ☐ [Search](#) | ☐ [Help](#)

- ☐ [Incandescent](#)
- ☐ [Halogen](#)
- ☐ [High Intensity Discharge](#)
- ☐ [Fluorescent](#)
- ☐ [Compact Fluorescent](#)
- ☐ [Stage/Studio](#)
- ☐ [Miniature/Sealed Beam](#)
- ☐ [Projection](#)
- ☐ [Merchandise](#)




Mouse Over the following images for more details.



Welcome to the GE Lighting e-Catalog, Version 4.0.

To begin browsing, choose a product line on the left. To search for a product by product code, description or particular characteristics, use the search option at top of the page. For more information about using the e-Catalog, product operating notes and warning/caution notices, use the Help button.

Lighting Specification Bulletins have joined the e-Catalog! By adding these technical specifications, known as LSBs, we can now provide more of the information you're looking for. To find an LSB, just look for this icon: 

We're constantly updating the e-Catalog, so be sure to bookmark this site and us again soon.

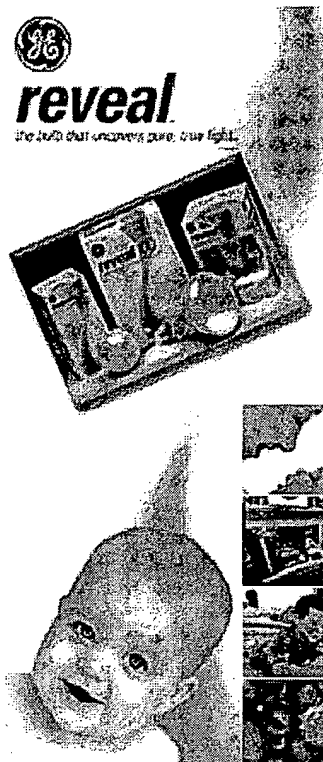
© 1997-2001 General Electric Company

[About GE Lighting](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy Policy](#) | [Terms & Co](#)

**GE Lighting North America****Are you using the
right light?**[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [Where to Buy](#) | [e-catalog](#) | [Contact](#)[Browse](#) | [Search](#) | [Help](#)▽ **Incandescent**

- ▣ Standard Incandescent
- ▣ Watt-Miser®
- ▣ Watt-Miser® & Watt-Miser® Plus
- ▣ Miser®
- ▣ E27 Base - Export
- ▣ Export PAR
- ▣ Lumen Rated Traffic Signal
- ▣ Airport
- ▣ Multiple Street Lighting
- ▣ Decorative
- ▣ Portable Lighting Products
- ▣ Watt-Miser® Plus
- ▣ Watt-Miser® PAR
- ▣ Export-Only

- ▽ **Halogen**
- ▽ **High Intensity Discharge**
- ▽ **Fluorescent**
- ▽ **Compact Fluorescent**
- ▽ **Stage/Studio**
- ▽ **Miniature/Sealed Beam**
- ▽ **Projection**
- ▽ **Merchandiser**



Key Benefits

- **Provides a true, pure, crisper light for home**

A coating of the natural earth element, Neodymium, filters out yellows in the spectrum to produce a crisper light

- **Home décor and household objects lo truer in color and more vivid**

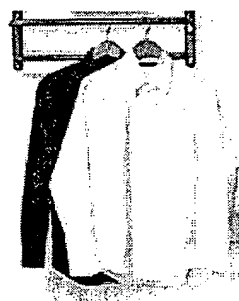
Americans spend \$149 billion on home improvements every year. Why should t settle for anything less than the best qua home lighting? The richness of the cloth fabrics, walls and artwork in their home will appear truer in color with GE Reveal lighting. The design and technology of G Reveal bulbs makes colors "pop" in a w they don't with ordinary incandescent b

- **Makes daily tasks easier**

In focus group research, consumers preferred GE Reveal bulbs for both amb lighting, citing the "crisper" nature of th light, making it ideal for tasks such as hobbies and other close-up work.

GEreveal.com

Move your mouse over the picture below to se yourself



Standard Bulb

* Photos enhanced to dramatize differences in color.


GE Lighting North America

Are you using the
right light

Home Lighting | Business Lighting | Specifier/OEM | Lighting Institute | Where to Buy | e-catalog | Contact
☐ Browse | ☐ Search | ☐ Help

▽ Incandescent
Standard Incandescent (439 Items)

- ☒ Standard Incandescent
- ☒ Watt-Miser®
- ☒ Watt-Miser® & Watt-Miser® Plus
- ☒ Miser®
- ☒ E27 Base - Export
- ☒ Export PAR
- ☒ Lumen Rated Traffic Signal
- ☒ Airport
- ☒ Multiple Street Lighting
- ☒ Decorative
- ☒ Portable Lighting Products
- ☒ Watt-Miser® Plus
- ☒ Watt-Miser® PAR
- ☒ Export-Only

- Warm, dimmable low first cost light
- Most versatile light source
- Suitable for a wide range of lighting applications



- ▷ Halogen
- ▷ High Intensity Discharge
- ▷ Fluorescent
- ▷ Compact Fluorescent
- ▷ Stage/Studio
- ▷ Miniature/Sealed Beam
- ▷ Projection
- ▷ Merchandiser

Prev, [1](#), [2](#), [3](#), [4](#), [5](#), [6](#), [7](#), [8](#), [9](#), [10](#), [11](#), [12](#), [13](#), [14](#), [15](#), [16](#), [17](#), [18](#), [19](#), [20](#), [21](#), [22](#), [Next](#)

	Product Code	Description	Volts	Bulb Type	Base Type
<input type="checkbox"/>	11098	3S6/5 24PK	130	S6	Cand
<input type="checkbox"/>	20572	4C7/S CD4	120	C7	Cand
<input type="checkbox"/>	20573	4C7/W/S CD4	120	C7	Cand
<input type="checkbox"/>	43050	4C7 CARD 2	120	C7	Cand
<input type="checkbox"/>	26223	4C7/BL CD2 6PK	120	C7	Cand
<input type="checkbox"/>	26222	4C7/PK-CD2 6PK	120	C7	Cand
<input type="checkbox"/>	16001	4C7/W CD2	120	C7	Cand
<input type="checkbox"/>	11577	6S6/3	120	S6	Cand
<input type="checkbox"/>	11592	6S6DC TRAY	120	S6	DC Bay
<input type="checkbox"/>	11594	6S6/DC TRAY	130	S6	DC Bay
<input type="checkbox"/>	11609	6S6DC 24PK	145	S6	DC Bay
<input type="checkbox"/>	11764	6T41/2/1	130	T4.5	Cand
<input type="checkbox"/>	11316	6S6 24PK	12	S6	Cand
<input type="checkbox"/>	11331	6S6 24PK	30	S6	Cand
<input type="checkbox"/>	11329	6S6	24	S6	Cand
<input type="checkbox"/>	15820	6S6 CARD2	120	S6	Cand
<input type="checkbox"/>	43397	6S6 BB	32	S6	Cand
<input type="checkbox"/>	11374	6S6	155	S6	Cand
<input type="checkbox"/>	11372	6S6	145	S6	Cand
<input type="checkbox"/>	11369	6S6 TRAY	130	S6	Cand

Prev, [1](#), [2](#), [3](#), [4](#), [5](#), [6](#), [7](#), [8](#), [9](#), [10](#), [11](#), [12](#), [13](#), [14](#), [15](#), [16](#), [17](#), [18](#), [19](#), [20](#), [21](#), [22](#), [Next](#)



Compare Checked Items



LSB Data Available


GE Lighting North America

Are you using the
right light

Home Lighting | Business Lighting | Specifier/OEM | Lighting Institute | Where to Buy | e-catalog | Contact
 Browse | Search | Help

Incandescent

- ☒ Standard Incandescent
- ☒ Watt-Miser®
- ☒ Watt-Miser® & Watt-Miser® Plus
- ☒ Miser®
- ☒ E27 Base - Export
- ☒ Export PAR
- ☒ Lumen Rated Traffic Signal
- ☒ Airport
- ☒ Multiple Street Lighting
- ☒ Decorative
- ☒ Portable Lighting Products
- ☒ Watt-Miser® Plus
- ☒ Watt-Miser® PAR
- ☒ Export-Only

- ☐ Halogen
- ☐ High Intensity Discharge
- ☐ Fluorescent
- ☐ Compact Fluorescent
- ☐ Stage/Studio
- ☐ Miniature/Sealed Beam
- ☐ Projection
- ☐ Merchandiser

Watt-Miser® & Watt-Miser® Plus (48 Items)

- 33% longer life
- 10-15% energy cost savings
- Available in 34-135 watts to replace 40-150 watt standard bulbs
- For even longer life -- 2500 hours -- use Watt-Miser® Plus bulbs



Prev, 1, 2, 3, Next

Product Code	Description	Volts	Bulb Type	Base Type
<input type="checkbox"/> 13009	40A/34WMP/99	130/120	A19	Med
<input type="checkbox"/> 12620	40A/34WM	130/120	A19	Med
<input type="checkbox"/> 12612	40A/34WM	120	A19	Med
<input type="checkbox"/> 13012	60A/52WMP/99	130/120	A19	Med
<input type="checkbox"/> 13555	60A/52WM/CL	130/120	A19	Med
<input type="checkbox"/> 12623	60A/52WM	130/120	A19	Med
<input type="checkbox"/> 12615	60A/52WM	120	A19	Med
<input type="checkbox"/> 17960	60A21/54WM/TS		A21	Med
<input type="checkbox"/> 17961	60A21/54WM/TS		A21	Med
<input type="checkbox"/> 11904	55A/SW/MI 48PK	120	A19	Med
<input type="checkbox"/> 12624	75A/67WM	130/120	A19	Med
<input type="checkbox"/> 17969	69A21/60WM/TS		A21	Med
<input type="checkbox"/> 17968	69A21/60WM/TS		A21	Med
<input type="checkbox"/> 13018	75A/67WMP/99	130/120	A19	Med
<input type="checkbox"/> 20331	65R30/FL/MI- 6PK	120	BR30	Med
<input type="checkbox"/> 20332	65R30/SP/MI-6PK	120	BR30	Med
<input type="checkbox"/> 22978	65R30/FL/PRO-6PK	130	BR30	Med
<input type="checkbox"/> 26641	75R30/FL/65WM/B	120	BR30	Med
<input type="checkbox"/> 46855	65R30/FL	130	BR30	Med
<input type="checkbox"/> 47683	65R40/FL/LLPQ1-6	120	BR40	Med

Prev, [1](#), [2](#), [3](#), [Next](#)



Compare Checked Items



Reduced Wattage



LSB Data Available


GE Lighting North America

Are you using the
right light

[Home Lighting](#) |
 [Business Lighting](#) |
 [Specifier/OEM](#) |
 [Lighting Institute](#) |
 [Where to Buy](#) |
 [e-catalog](#) |
 [Contact](#)

☐ Browse |
 ☐ Search |
 ☐ Help

☐ Incandescent

☐ Halogen

- ☐ HIR/XL (UltraLong Life) PAR38
- ☐ HIR™ PAR38
- ☐ Long Life PAR38
- ☐ Standard Halogen PAR38
- ☐ Cool Beam PAR38
- ☐ Quartzline® PAR38
- ☐ Compact HIR™ PAR30
- ☐ Compact PAR30 Long Neck
- ☐ Compact PAR30
- ☐ Compact PAR20
- ☐ A-Line/Decorative PAR36
- ☐ Turn & Lock ConstantColor® MR16
- ☐ ConstantColor® Precise™ Cover Glass MR16
- ☐ ConstantColor® Precise™ MR16
- ☐ Standard MR16
- ☐ Standard MR11
- ☐ Quartz Halogen
- ☐ Quartzline® HIR™
- ☐ Quartzline® Halogen
- ☐ Airport
- ☐ Tubular Quartz Heat
- ☐ Halogen Compact PAR16
- ☐ High Intensity Discharge
- ☐ Fluorescent
- ☐ Compact Fluorescent
- ☐ Stage/Studio
- ☐ Miniature/Sealed Beam
- ☐ Projection
- ☐ Merchandiser

HALOGEN FLOOD & SPOTLIGHTS

Also designed for use in recessed fixtures, halogen floods and spots are your best choice for a clean bright look. Halogen bulbs create a crisper, whiter light that makes colors appear more vibrant making furniture and artwork glow with life. Plus, halogen technology helps reduce energy consumption while providing exceptionally long bulb life ideal for hard to reach recessed lighting.

GE is pleased to offer a full line of halogen bulbs



Standard Halogen is our basic flood or spotlight with a long 2,000 hour life.



Halogen Plus lasts 25% longer than our Standard halogen.



Top-of-the-line **Ultra™ Halogen** provides the highest light output, maximum electricity savings and 50% longer life.



Low Voltage ConstantColor® Halogen MR16 is the contemporary choice for today's high-tech lighting. Use to create bright pools of light over countertops, or to create light patterns on a wall.


GE Lighting North America

Are you using the
right light

Home Lighting | Business Lighting | Specifier/OEM | Lighting Institute | Where to Buy | e-catalog | Contact Us
[Browse](#) | [Search](#) | [Help](#)

▢ Incandescent

▢ Halogen

Long Life PAR38 (20 Items)

- ▢ HIR/XL (UltraLong Life) PAR38
- ▢ HIR™ PAR38
- ▢ Long Life PAR38
- ▢ Standard Halogen PAR38
- ▢ Cool Beam PAR38
- ▢ Quartzline® PAR38
- ▢ Compact HIR™ PAR30
- ▢ Compact PAR30 Long Neck
- ▢ Compact PAR30
- ▢ Compact PAR20
- ▢ A-Line/Decorative PAR36
- ▢ Turn & Lock ConstantColor® MR16
- ▢ ConstantColor® Precise™ Cover Glass MR16
- ▢ ConstantColor® Precise™ MR16
- ▢ Standard MR16
- ▢ Standard MR11
- ▢ Quartz Halogen
- ▢ Quartzline® HIR™
- ▢ Quartzline® Halogen
- ▢ Airport
- ▢ Tubular Quartz Heat
- ▢ Halogen Compact PAR16
- ▢ High Intensity Discharge
- ▢ Fluorescent
- ▢ Compact Fluorescent
- ▢ Stage/Studio
- ▢ Miniature/Sealed Beam
- ▢ Projection
- ▢ Merchandiser

- 25% to 50% longer life – 2500 hours to 3000 hours-than standard Halogen PAR lamps



	Product Code	Description	Volts	Bulb Type	Base Type
<input type="checkbox"/>	16229 ➔	45PAR/H/SP10	130/120	PAR38	Med Skirt
<input type="checkbox"/>	16231 ➔	45PAR/H/FL25	130/120	PAR38	Med Skirt
<input type="checkbox"/>	17470 ➔	45PAR/H/SP10	120	PAR38	Med Skirt
<input type="checkbox"/>	17471 ➔	45PAR/H/FL25 6PK	120	PAR38	Med Skirt
<input type="checkbox"/>	25266 ➔	60PAR/H/SP10	120	PAR38	Med Skirt
<input type="checkbox"/>	25269 ➔	60PAR/H/FL25	120	PAR38	Med Skirt
<input type="checkbox"/>	21389 ➔	75PAR/H/FL25	130/120	PAR38	Med Skirt
<input type="checkbox"/>	26564 ➔	75PAR/H/FL-TWIN	120	PAR38	Med Skirt
<input type="checkbox"/>	14751 ➔	75PAR/H/SP9-6PK	120	PAR38	Med Skirt
<input type="checkbox"/>	14748 ➔	75PAR/H/FL25-6PK	120	PAR38	Med Skirt
<input type="checkbox"/>	13308 ➔	90PAR/H/FL25	130/120	PAR38	Med Skirt
<input type="checkbox"/>	13311 ➔	90PAR/H/SP10	130/120	PAR38	Med Skirt
<input type="checkbox"/>	22742 ➔	90PAR/H/FL-TWIN	120	PAR38	Med Skirt
<input type="checkbox"/>	17450 ➔	90PAR/H/SP10-6PK	120	PAR38	Med Skirt
<input type="checkbox"/>	17451 ➔	90PAR/H/FL25-6PK	120	PAR38	Med Skirt
<input type="checkbox"/>	25727 ➔	90PAR/H/WFL-120V	120	PAR38	Med Skirt
<input type="checkbox"/>	41631	120PAR/H/FL30	120	PAR38	Med Skirt
<input type="checkbox"/>	41632	120PAR/H/SP9	120	PAR38	Med Skirt
<input type="checkbox"/>	25270 ➔	60 PAR/H/SP10	130/120	PAR38	Med Skirt
<input type="checkbox"/>	25271 ➔	60PAR/H/FL25	130/120	PAR38	Med Skirt



Compare Checked Items



Reduced Wattage

**GE Lighting North America**Are you using the
right light

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [Where to Buy](#) | [e-catalog](#) | [Contact](#)
[Browse](#) | [Search](#) | [Help](#)

▷ **Incandescent**
 ▽ **Halogen**

- ▣ HIR/XL (UltraLong Life) PAR38
- ▣ HIR™ PAR38
- ▣ Long Life PAR38
- ▣ Standard Halogen PAR38
- ▣ Cool Beam PAR38
- ▣ Quartzline® PAR38
- ▣ Compact HIR™ PAR30
- ▣ Compact PAR30 Long Neck
- ▣ Compact PAR30
- ▣ Compact PAR20
- ▣ A-Line/Decorative PAR36
- ▣ Turn & Lock ConstantColor® MR16
- ▣ ConstantColor® Precise™ Cover Glass MR16
- ▣ ConstantColor® Precise™ MR16
- ▣ Standard MR16
- ▣ Standard MR11
- ▣ Quartz Halogen
- ▣ Quartzline® HIR™
- ▣ Quartzline® Halogen
- ▣ Airport
- ▣ Tubular Quartz Heat
- ▣ Halogen Compact PAR16
- ▷ **High Intensity Discharge**
- ▷ **Fluorescent**
- ▷ **Compact Fluorescent**
- ▷ **Stage/Studio**
- ▷ **Miniature/Sealed Beam**
- ▷ **Projection**
- ▷ **Merchandiser**

Basic Right Light Options
 26564 - Long Life PAR38 Item Detail

Subcategory	Long Life PAR38
Product Code	26564
Description	75PAR/H/FL-TWIN
Volts	120
Watts	75
Average Life in Hours	2500
CBCP	4000
Bulb Type	PAR38
Base Type	Med Skirt
Max Overall Length (in.)	5.313
Max Overall Length (mm)	135.000
Filament Type	CC-8
Sales Unit UPC	043168265645
Case UPC	043168265645
Case Quantity	3
Additional Information	Floodlight

➤ Reduced Wattage

Return to product list

☒ Set the current view to the default view

VIRTUAL LIGHTING DESIGNER

Business

Restaurant

**GE Lighting**

Welcome to the Virtual Lighting Designer. Select a room from the list above and then select types of lighting you would like to see in the room, and Light It. You can compare the options side-by-side and scroll within the room in panoramic 360 mode. Then see the bulbs we recommend for your choices base on what you want from your lighting. (Patent Pending)

GENERAL	PERIMETER	DECORATIVE
<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection
<input type="radio"/> Indirect lighting	<input type="radio"/> Table Lamp	<input type="radio"/> Cove Lighting
<input type="radio"/> Recessed	<input type="radio"/> Recessed	<input checked="" type="radio"/> MiniTrack
<input checked="" type="radio"/> Cove Lighting	<input checked="" type="radio"/> Chandelier	<input type="radio"/> Wall Sconce

LIGHT IT

COMPARE

PRINT

Application**What I Want****Product #****Product name**

General: Cove Lighting

Light Output

15951

F40T8/SP35

Perimeter: Chandelier

Light Quality

20768

60A/NEO-24PK

Decorative: MiniTrack

Energy Efficiency

20826

Q35MR16/C/SP20

Find
product

Find
product

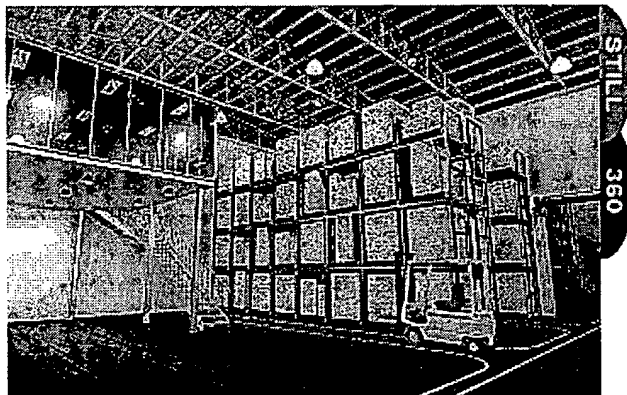
Find
product

Copyright GE Lighting.

VIRTUAL LIGHTING DESIGNER

Business

Warehouse

**GE Lighting**

Welcome to the Virtual Lighting Designer. Select a room from the list above and then select types of lighting you would like to see in the room, and Light It. You can compare the options side-by-side and scroll within the room in panoramic 360 mode. Then see the bulbs we recommend for your choices based on what you want from your lighting. (Patent Pending)

HIGH BAY	LOW BAY	
<input type="radio"/> No Selection	<input type="radio"/> No Selection	
<input type="radio"/> High Pressure Sodium	<input type="radio"/> Fluorescent	
<input checked="" type="radio"/> Metal Halide	<input type="radio"/> Metal Halide	
<input type="radio"/> Fluorescent	<input checked="" type="radio"/> High Pressure Sodium	

LIGHT IT

COMPARE

PRINT

Application**What I Want****Product #****Product name**

High Bay: Metal Halide

Light Output



13923

400W XHO Multi Vapor

Low Bay: High Pressure S

Light Quality



26851

400 Watt Chromofit

No Selection:

Energy Efficiency



No Selection

No Selection

Find
productFind
productFind
product

Copyright GE Lighting.

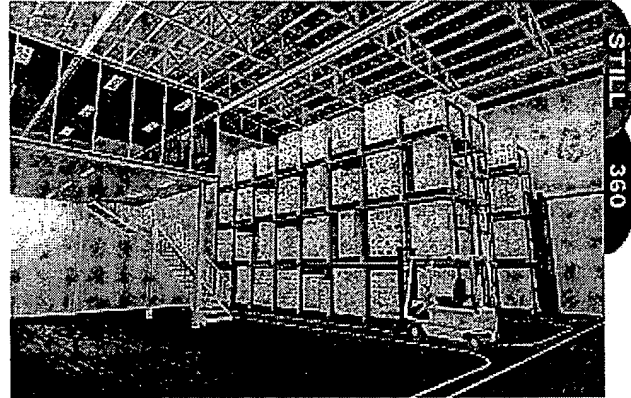
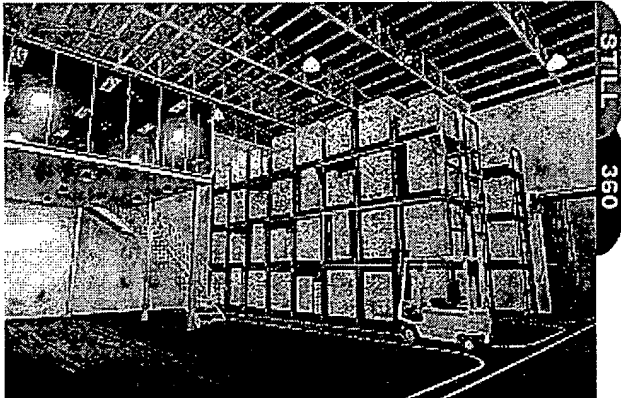
VIRTUAL LIGHTING DESIGNER

Business

Warehouse



GE Lighting



HIGH BAY	LOW BAY		HIGH BAY	LOW BAY	
<input type="radio"/> No Selection	<input type="radio"/> No Selection		<input type="radio"/> No Selection	<input type="radio"/> No Selection	
<input type="radio"/> High Pressure Sodium	<input type="radio"/> Fluorescent		<input type="radio"/> High Pressure Sodium	<input checked="" type="radio"/> Fluorescent	
<input checked="" type="radio"/> Metal Halide	<input type="radio"/> Metal Halide		<input type="radio"/> Metal Halide	<input type="radio"/> Metal Halide	
<input type="radio"/> Fluorescent	<input checked="" type="radio"/> High Pressure Sodium		<input checked="" type="radio"/> Fluorescent	<input type="radio"/> High Pressure Sodium	

LIGHT IT

PRINT

LIGHT IT

END COMPARE

Application

What I Want

Product

Product name

High Bay: Fluorescent

Light Output

12532

F96T8 High Output- 86W

Find product

Low Bay: Fluorescent

Light Quality

22656

F32T8/SPX- 32W

Find product

No Selection:

Energy Efficiency

No Selection

No Selection

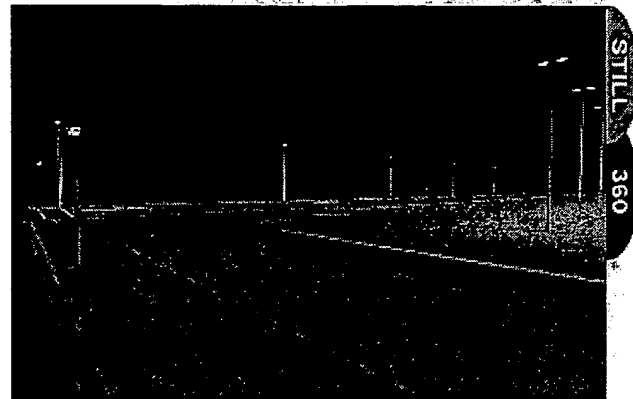
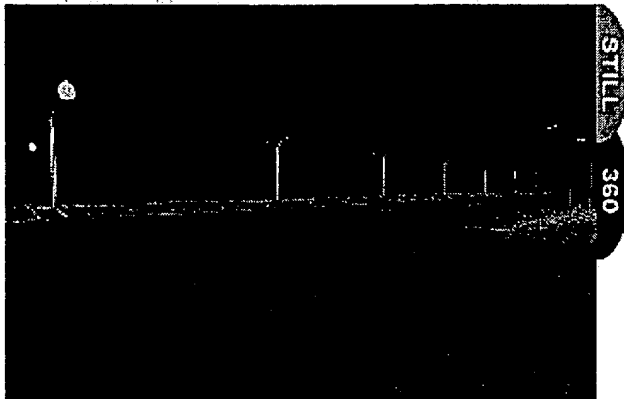
Find product

Copyright GE Lighting.

VIRTUAL LIGHTING DESIGNER

Business ☒Street Lighting ☒

GE Lighting



STREET LIGHTS	DECORATIVE	PARKING LOT	STREET LIGHTS	DECORATIVE	PARKING LOT
<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection
<input type="radio"/> Cobra Head	<input type="radio"/> Colonial	<input type="radio"/> Shoe Box 1	<input type="radio"/> Cobra Head	<input checked="" type="radio"/> Colonial	<input type="radio"/> Shoe Box 1
<input checked="" type="radio"/> Cobra Head-Cutoff	<input type="radio"/> Globe	<input type="radio"/> Shoe Box 2	<input type="radio"/> Cobra Head-Cutoff	<input type="radio"/> Globe	<input checked="" type="radio"/> Shoe Box 2
<input type="radio"/> Roadway	<input checked="" type="radio"/> Gas Light	<input checked="" type="radio"/> Shoe Box 3	<input checked="" type="radio"/> Roadway	<input type="radio"/> Gas Light	<input type="radio"/> Shoe Box 3

LIGHT IT

PRINT

LIGHT IT

END COMPARE

Application

What I Want

Product

Product name

Street Lights: Roadway

Light Output ☒

14675

Ecolux /NC

Find product

Decorative: Colonial

Light Quality ☒

26851

Chromafit

Find product

Parking Lot: Shoe Box 2

Energy Efficiency ☒

27219

750-Watt PulseArc Multi-Vapo

Find product

Copyright GE Lighting.

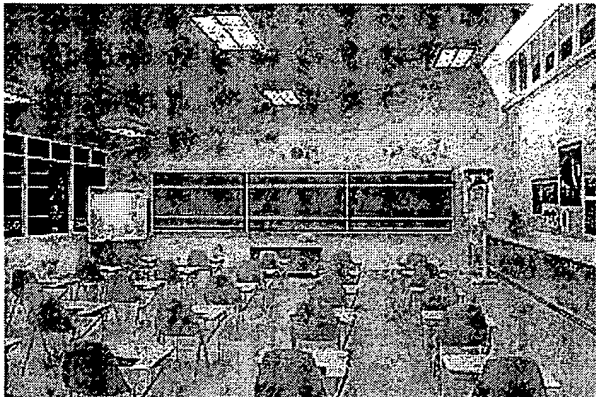
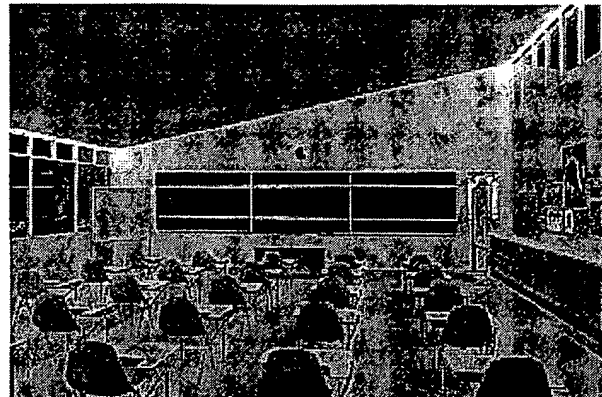
VIRTUAL LIGHTING DESIGNER

Business

Classroom



GE Lighting

STILL
360STILL
360

GENERAL	PERIMETER		GENERAL	PERIMETER	
<input type="radio"/> No Selection <input type="radio"/> Indirect <input type="radio"/> Fluorescent <input type="radio"/> Standard <input type="radio"/> Fluorescent <input checked="" type="radio"/> Parabolic <input type="radio"/> Fluorescent	<input type="radio"/> No Selection <input type="radio"/> Wall Wash <input type="radio"/> Fluorescent Wall <input checked="" type="radio"/> Cove Lighting		<input checked="" type="radio"/> No Selection <input type="radio"/> Indirect <input type="radio"/> Fluorescent <input type="radio"/> Standard <input type="radio"/> Fluorescent <input type="radio"/> Parabolic <input type="radio"/> Fluorescent	<input type="radio"/> No Selection <input type="radio"/> Wall Wash <input checked="" type="radio"/> Fluorescent Wall <input type="radio"/> Cove Lighting	

LIGHT IT

PRINT

LIGHT IT

END COMPARE

Application

What I Want

Product

Product name

General: No Selection

Safety

No Selection

No Selection

Perimeter: Fluorescent Wa

Product Life

25360

Starcoat XL

No Selection:

Environment Friendly

No Selection

No Selection

Find
product

Find
product

Find
product

Copyright GE Lighting.

VIRTUAL
LIGHTING
DESIGNER

Business

Hotel Guest Room



GE Lighting



GENERAL	AMBIENT	TASK	GENERAL	AMBIENT	TASK
<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection
<input checked="" type="radio"/> Floor Lamp	<input checked="" type="radio"/> Wall Sconce	<input type="radio"/> Desk Lamp	<input type="radio"/> Floor Lamp	<input type="radio"/> Wall Sconce	<input type="radio"/> Desk Lamp
<input type="radio"/> Wall Lamp	<input type="radio"/> Recessed Cans	<input checked="" type="radio"/> Bathroom Vanity	<input type="radio"/> Wall Lamp	<input type="radio"/> Recessed Cans	<input type="radio"/> Bathroom Vanity
<input type="radio"/> Recessed Cans	<input type="radio"/> Ceiling Lamp	<input type="radio"/> Table Lamp	<input checked="" type="radio"/> Recessed Cans	<input checked="" type="radio"/> Ceiling Lamp	<input checked="" type="radio"/> Table Lamp

LIGHT IT

PRINT

LIGHT IT

END/COMPARE

Application

What I Want

Product

Product name

General: Recessed Cans

Light Output

25727

90PAR/H/WFL

Find
product

Ambient: Ceiling Lamp

Product Life

25807

FEA382D/827-BULK

Find
product

Task: Table Lamp

Energy Efficiency

25805

FEA212D/827-BULK

Find
product

Copyright GE Lighting.

VIRTUAL LIGHTING DESIGNER

Business

Manufacturing Floor



GE Lighting



Welcome to the Virtual Lighting Designer. Select a room from the list above and then select types of lighting you would like to see in the room, and Light It. You can compare the options side-by-side and scroll within the room in panoramic 360 mode. Then see the bulbs we recommend for your choices based on what you want from your lighting. (Patent Pending)

HIGH BAY	LOW BAY	TASK
<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection
<input type="radio"/> High Pressure Sodium	<input type="radio"/> Parabolic Fluorescent	<input type="radio"/> Linear Fluorescent
<input checked="" type="radio"/> Metal Halide	<input type="radio"/> Metal Halide	<input type="radio"/> Desk Lamp
<input type="radio"/> Parabolic Fluorescent	<input type="radio"/> High Pressure Sodium	<input checked="" type="radio"/> Swing Arm Inspection

LIGHT IT

COMPARE

PRINT

Application

What I Want

Product

Product name

High Bay: Metal Halide

Light Output

44835

1000 Watt High Light Output

Find product

Low Bay: High Pressure S

Product Life

19272

400 Watt Dual Arc Tube

Find product

Task: Swing Arm Inspection

Energy Efficiency

13129

28 Watt Compact Fluorescent

Find product

Copyright GE Lighting.

VIRTUAL LIGHTING DESIGNER

Business

Patient Area



GE Lighting



Welcome to the Virtual Lighting Designer. Select a room from the list above and then select types of lighting you would like to see in the room, and Light It. You can compare the options side-by-side and scroll within the room in panoramic 360 mode. Then see the bulbs we recommend for your choices based on what you want from your lighting. (Patent Pending)

GENERAL	AMBIENT	TASK
<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input checked="" type="radio"/> No Selection
<input type="radio"/> Prismatic Fluorescent	<input checked="" type="radio"/> Wall Mount 1	<input type="radio"/> Reading Light 1
<input checked="" type="radio"/> Parabolic Fluorescent	<input type="radio"/> Wall Mount 2	<input type="radio"/> Reading Light 2
<input type="radio"/> Indirect Fluorescent	<input type="radio"/> Night Light	<input type="radio"/> Exam Light

LIGHT IT

COMPARE

PRINT

Application

What I Want

Product

Product name

General: Parabolic Fluores

Light Output

12530

4' T8/SPX41 Fluorescent

Find product

Ambient: Wall Mount 1

Product Life

25363

4' T8/XL Fluorescent Lamp

Find product

Task: No Selection

Energy Efficiency

No Selection

No Selection

Find product

Copyright GE Lighting.

**GE Lighting North America****ULTRA
ELECTRON**

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
[Lighting Solution Center](#) | [Business Solutions](#) | [Products](#) | [Fixtures](#) | [GELightNet](#) | [Literature Library](#)



Mouse-over the options below to find out more about lighting for your industry or download one of our Segment Brochures.



HOSPITALITY	PROPERTY MGMT.	RETAIL	WAREHOUSE/ DISTRIBUTION	RESTAURANT	INDUSTRIAL	HEALTH SERVICES	UTILITY/ PUBLIC	SCHOOLS AND UNIVERSITIES
-------------	-------------------	--------	----------------------------	------------	------------	--------------------	--------------------	-----------------------------

Quick Sea

Adva

Select Section

Select Country



© 1997-2002 General Electric Company - USA

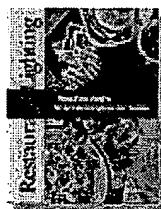
[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy](#)

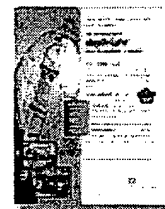

GE Lighting North America


[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
[Literature Library](#) | [FAQ](#) | [Press Room](#)

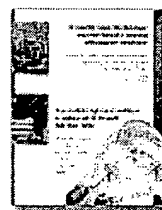
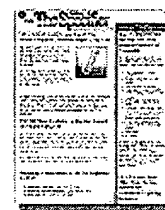


Welcome to the GE Lighting
 Literature Library, where you
 can download, view and print
 informative materials on our
 lighting products.


Segment Brochures

Product Brochures

Product Sell Sheets

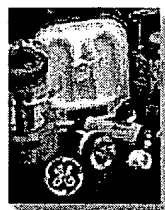
Featured this month:
 Hospitality Lighting
 Biax® T/E 42W
 Unique CFL
 T5 Webcast

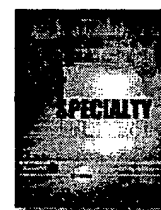

Lamp Products Catalog

Testimonials

Newsletters


You will need Adobe™ Acrobat™ to
 access PDF literature documents. Click
 above for free software download.



You will need Macromedia™ Flash
 Player™ to view the online movies. Click
 above for free software download.


Home Electric Products, Inc.

Multi-Media

Specialty Lighting
Literature Search

Quick Search

Select Section

Select Country


© 1997-2002 General Electric Company - USA

Advanced Search
[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy Policy](#) | [Terms](#)

**GE Lighting North America**

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
[Literature Library](#) | [FAQ](#) | [Press Room](#)

*Segment Brochures*

Literature Search



Choose another category

**Beauty Salon Lighting** | 80569[More Detail](#)

From trims to treatments, we have the best light for your business.

[Download P](#)
206 KB**Canopy Lighting** | 89122[More Detail](#)

From self service to sodas, we have the best light for your business.

[Download P](#)
186 KB**Contractor Lighting** | 89148[More Detail](#)

As a contractor, selling your customers on the benefits of upgraded lighting can win you new business and the opportunity to offer many GE exclusive products that your competitors cannot match.

[Download P](#)
1.32 MB**Healthcare Lighting** | 84604[More Detail](#)

Advanced GE lamps can help you put your healthcare facility in the best possible light.

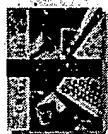
[Download P](#)
347 KB**Hospitality Lighting** | 84548[More Detail](#)

Are you in the Hospitality Business? From reception to room service- see it all in a new light.

[Download P](#)
1.14 MB**Industrial Lighting** | 84460[More Detail](#)

Industrial Lighting tips can increase your productivity while reducing labor, energy, and replacement costs.

[Download P](#)
1.37 MB

**Office Lighting** | 82835[More Detail](#)

From corner office to cubicle, create an exciting new look with GE's Office Lighting tips.

[Download P](#)
1.17 MB**Restaurant Lighting** | 70619[More Detail](#)

From fast food to fine dining - we have the best light for your Restaurant Business.

[Download P](#)
3.73 MB**Retail Lighting** | 82826[More Detail](#)

Retailers! Advanced GE lamps can help you put your store, your merchandise, and your bottom line in the best possible light.

[Download P](#)
1.96 MB**Right Light Pocket Guide V5** | 70666[More Detail](#)

The Right Light can deliver a 50% return on investment, even in existing construction.

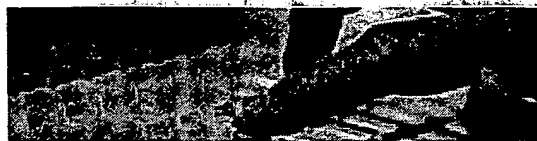
[Download P](#)
381 KB**Specialty Store Lighting** | 85068[More Detail](#)

Good lighting is good business. The simple change of a light bulb can create the right atmosphere to drive the sale.

[Download P](#)
206 KB**Quick Search**Select Section Select Country 

© 1997-2002 General Electric Company - USA

[Advanced Search](#)[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy Policy](#) | [Terms](#)

**GE Lighting North America**

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
[Literature Library](#) | [FAQ](#) | [Press Room](#)

*Product Brochures*

Literature Search



Choose another category

[Attribute](#) | [Product](#)**Attribute****Color** | 70610**More Detail**

Transform your business...with the change of a lightbulb. Find out what Enhanced Color Lighting can do for you.

Download P
2.27 MB**Ecolux® (Environmental)** | 89386**More Detail**

Ecolux® (Environmental) - a low mercury, TCLP compliant lamp that features outstanding performance and reliability.

Download
929 KB**Energy Star® Products** | 70629**More Detail**

Energy Star® Products - Find out how to make energy-efficient and environmentally sound product choices without sacrificing quality.

Download P
1007 KB**XL Brochure** | 89400**More Detail**

Get EXTRA LIFE...plus the other advantages of GE quality lighting with GE's exclusive XL line of lamps.

Download P
830 KB**covRguard™** | 70601**More Detail**

GE Lighting's shatter-resistant covRguard™ Lamps offer unbeatable breakage protection.

Download
201 KB[Back to top](#)**Product****Ballast Catalog** | 89458**More Detail**



The GE Electronic Ballast line features an extensive selection of energy-efficient electronic ballasts for fluorescent lamps.

Download P
417 KB



CMH™ Quick Reference Guide

View Litera

Create space and drama with ultra-efficient, display-quality lighting. Use the CMH™ (Ceramic Metal Halide) Quick Reference Guide.



Ceramic Metal Halide™ | 89426

More Detai

Create space and drama with the ultra-efficient, display-quality lighting of CMH™ (Ceramic Metal Halide) lamps.

Download P
1037 KB



HID Lamps | 70133

More Detai

GE HID (High Intensity Discharge) lamps offer more light per watt, longer life, and feature a compact point source similar to incandescent, allowing good optical control.

Download P
1.40 MB



Halogen Directional Lamps | 89149

More Detai

GE Halogen Lamps provide a sparkling white light that is perfect for any retail environment, highlighting featured displays and improving general ambience.

Download P
789 KB



Linear Fluorescent Lamps | 85067

More Detai

For brilliant cost-effective performance, try Linear Fluorescent lamps.

Download P
767 KB



PulseArc™ MV | 70136

More Detai

PulseArc™ MV lamps provide the most light over life of any metal halide system and have best-in-industry performance.

Download P
848 KB



T8 Watt-Miser® Ultra | 70600

More Detai

All 4 foot T8 Watt-Miser and T8 Watt Miser XL lamps can instantly reduce your lighting energy costs by 6% compared to a standard F32T8.

Download P
224 KB

**UltraMax Electronic Ballasts** | 16233[More Detail](#)

UltraMax Ballasts can virtually "read" the incoming voltage and adapt automatically to any voltage from 108V to 305V.

[Download PDF](#)
866 KB**Unique CFL** | 70590[More Detail](#)

GE's unique screw-in CFLs (Compact Fluorescent Lamps) bring incredible efficiency to your A-line sockets and are designed to meet your needs.

[Download PDF](#)
982 KB[Back to top](#)**Quick Search**

Select Section

Select Country



© 1997-2002 General Electric Company - USA

[Advanced Search](#)[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy Policy](#) | [Terms](#)

**GE Lighting North America**

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
[Literature Library](#) | [FAQ](#) | [Press Room](#)

*Specialty*

Literature Search



Choose another category

[CovRguard](#)[EU Literature Library](#)[Medical/Dental/Scientific](#)[Pet/Aquarium](#)[Stage/Studio](#)**CovRguard****Avonmore West, Inc.** | 89440[More Detail](#)

New GE Cov-R-Guard™ shielded fluorescent lamps provide superior color, shatter protection at Idaho cheese factory.

[Download P](#)
187 KB**Gold covRguard™** | 70599[More Detail](#)

The new GE Gold CovRguard™ lamps that filter ultraviolet emissions (UV) are now available in multiple diameters and lengths.

[Download](#)
159 KB**Nonpareil** | 89459[More Detail](#)

GE Cov-R-Guard™ shielded fluorescent lamps offer quality lighting, help Idaho company meet food safety regulations.

[Download P](#)
163 KB**covRfresh™** | 70663[More Detail](#)

GE's exclusive covRfresh™ lamps enhance the appearance of food...safely.

[Download](#)
562 KB**covRguard™** | 70601[More Detail](#)

GE Lighting's shatter-resistant covRguard™ Lamps offer unbeatable breakage protection.

[Download](#)
201 KB[Back to top](#)**EU Literature Library**[EU Literature Library](#)[View Litera](#)



View, download and print literature from GE Lighting's European Literature Library.

[Back to top](#)

Medical/Dental/Scientific



Medical/Dental/Scientific

[More Detail](#)

GE Specialty medical, dental and scientific lamps can be instrumental in your work.

[Download](#)
304KB

[Back to top](#)

Pet/Aquarium



Aquarium Lighting

[More Detail](#)

GE offers one of the most complete lines of aquarium lamps for the fish enthusiast.

[Download P](#)
55.7 KB

[Back to top](#)

Stage/Studio



CSR Metal Halide Range

[More Detail](#)

The Heart of a Faultless Performance

[Download P](#)
681 KB

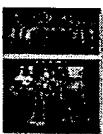


Cinema 32 & 55 Sell Sheet

[More Detail](#)

GE is proud to announce landmark products - Cinema 32 and Cinema 55.

[Download P](#)
55 KB



Cinema covRguard Lamps - Sell sheet

[More Detail](#)

When the creative process depends on a reliable lighting source.

[Download P](#)
1.71 MB

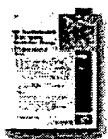


GE Double-Ended Linear Halogen-IR™ Lamps

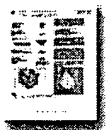
[More Detail](#)

Replace standard linear quartz lamps for energy cost savings and heat reduction.

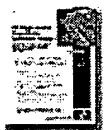
[Download P](#)
472 KB

**GE Double-Ended Stage/Studio Quartzline® Lamps**[More Detail](#)

Outstanding color, long life, high maintained light output over life, GE quality

[Download P](#)
453 KB**GE SHL Projection Systems**[More Detail](#)

High-pressure mercury lamps and power supplies that are optimized for use in data and video projection systems.

[Download P](#)
254 KB**GE Single-Ended Stage/Studio Quartzline® Lamps**[More Detail](#)

Excellent beam control, dimmability and color rendering for maximum optical performance.

[Download P](#)
460 KB**GE Stage/Studio Quartzline® PAR Lamps**[More Detail](#)

Precise optical control, sealed beam construction, excellent color rendition, highest quality.

[Download P](#)
483 KB**High Watt Halogen Lamps**[More Detail](#)

New range of high wattage halogen lamps for use in a variety of applications including stage, studio, film and television lighting.

[Download P](#)
638 KB**High Wattage Quartzline® Halogen Lamps - Sell sheet**[More Detail](#)

Bringing your performance to light.

[Download P](#)
1.58 MB[Back to top](#)***Quick Search***

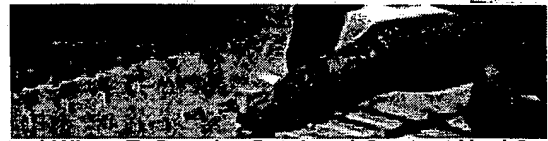
Select Section

Select Country



© 1997-2002 General Electric Company - USA

Advanced Search[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy Policy](#) | [Terms](#)

**GE Lighting North America**

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
[Literature Library](#) | [FAQ](#) | [Press Room](#)

*Home Electric Products, Inc.*

Literature Search



Choose another category



[Battery Operated Lights](#) | [Fixtures](#) | [Night Lights](#) | [Surge Protectors](#) | [Timers](#) | [Wiring Devices](#)

*Home Electric Products are available in most retail locations, including
mass retailers, home centers, hardware, drug and food stores.*

Battery Operated Lights



All-Purpose Lanterns

[More Detail](#)

GE's water resistant, floating, heavy duty, incandescent & fluorescent lanterns.

[Download P](#)
590 KB

Assist

[More Detail](#)

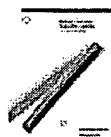
Battery-powered book light and lighted magnifier.

[Download P](#)
94 KB

Bedside/Closet Lights

[More Detail](#)

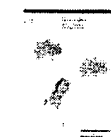
Battery-operated bedside and closet lights in brilliant colors.

[Download P](#)
117 KB

Blacklight

[More Detail](#)

Battery-powered 12" blacklights are great for parties and decorating.

[Download P](#)
71 KB

Closet Lights

[More Detail](#)

Battery-operated closet lights with on/off pull chain.

[Download P](#)
136 KB

**FireFly™ Fun Size Lights**[More Detail](#)

Personal, fun-sized flash lights in neon colors.

[Download P](#)
451 KB**Fluorescent Closet Lights**[More Detail](#)

Place these battery powered light mounts anywhere and provide extra light where needed without wiring.

[Download P](#)
113 KB**Heavy Duty Rubberized Flash Lights**[More Detail](#)

Water resistant, rubber covered flash lights.

[Download P](#)
516 KB**Lanterns and Work Light**[More Detail](#)

Innovative SteelBEAM™ lantern and work light series.

[Download P](#)
1 MB**LightBurst™ Key Chain Lights**[More Detail](#)

Flash lights with futuristic shapes for fun and function.

[Download P](#)
490 KB**Mini Touch and Closet Lights**[More Detail](#)

Battery-powered touch lights for convenience and function.

[Download P](#)
93 KB**Multi-Purpose Lights**[More Detail](#)

Compact, versatile battery-operated light sources.

[Download P](#)
490 KB**Navigator™ Flashlights**[More Detail](#)

Water-resistant flashlights.

[Download P](#)
517 KB

**Pro-Line™ Flashlights**[More Detail](#)

Heavy duty, contractor-grade flashlights.

[Download P](#)
534 KB**Remote-Control Lantern**[More Detail](#)

Remote-control lantern with a twin-tube fluorescent bulb.

[Download P](#)
429 KB**Shaped Touchlights**[More Detail](#)

Fun-shaped, battery-operated touchlights.

[Download P](#)
163 KB**Specialty Battery Powered**[More Detail](#)

Special battery-powered lights include an auto-off closet light, a wall sconce, a power failure light, & a drawer light.

[Download P](#)
123 KB**Standard & Disposable Flashlights**[More Detail](#)

Standard and disposable flashlights and lanterns.

[Download P](#)
501 KB**SteelBEAM™ Series**[More Detail](#)

All-purpose SteelBEAM™ specialty flashlight series.

[Download P](#)
765 KB**SunBurst™ Flashlights**[More Detail](#)

Bright, bold, translucent color flashlights - both fun and functional.

[Download P](#)
535 KB[Back to top](#)

Fixtures**Fixtures Catalog**[More Detail](#)



Our full line of under cabinet, specialty, and work lights is represented in this comprehensive catalog.

Download P
2 MB

[Back to top](#)

Night Lights



Night Lights

More Detail

Night lights are a fast growing fashion electrical product. This catalog features many unique designs.

Download P
1 MB

[Back to top](#)

Surge Protectors



GE Surge Protectors and Power Strips

More Detail

Information on GE power strips and surge protectors.

Download P
312 KB

[Back to top](#)

Timers



24 Hour Timers

More Detail

These are the ideal timers for lamps and appliances.

Download P
152Kb



7 Day Timers

More Detail

Programmable, random vacation and heavy-duty appliance timers.

Download P
158 KB



Convenience Timers

More Detail

The 24-Hour, "easy reach", table-top timer and 8-outlet timer with extension cord.

Download P
206 KB



Dimmers

More Detail

Save energy by turning down light levels.

Download P
691 KB

**Direct Wire Countdown Timers**[More Detail](#)

15-60 minute countdown timer and the 12-hour countdown timer wall switches.

[Download P](#)
118 KB**Direct Wire Programmable Timers**[More Detail](#)

24-hour programmable and 7-day digital wall switch timers.

[Download P](#)
124 KB**Electronic Timers**[More Detail](#)

Indoor photocell timer and the 7-day digital timer with night light display.

[Download P](#)
116 KB**Outdoor Timers and Photocell Sockets**[More Detail](#)

The perfect timers for landscape, recreational and holiday lighting.

[Download P](#)
202 KB[Back to top](#)**Wiring Devices****Audio Accessories**[More Detail](#)

Audio cables, extenders and speaker wire.

[Download P](#)
192 KB**Extension Cords**[More Detail](#)

Indoor, outdoor and specialty extensions cords.

[Download P](#)
1 MB**GE Wall Plate Catalog**[More Detail](#)

Decorative, traditional, electro-luminescent and Looney Tunes wall plates.

[Download P](#)
2 MB**General Wiring Device Information**[More Detail](#)



Wiring device definitions and catalog code explanations.

Download P
363 KB



Lampholders and Sockets

More Detai

Porcelain ceiling sockets and metal & vinyl lamp sockets.

Download P
679Kb



Phone Accessories

More Detai

A wide variety of telephone jacks, plugs, and cords.

Download P
883 KB



Plugs and Connectors

More Detai

A wide variety of household and heavy-duty plugs and connectors.

Download P
935 KB



Receptacles

More Detai

Residential standard and designer receptacles.

Download P
852 KB



SAF-T-GARD® Devices

More Detai

A line of safety-conscience household electrical products.

Download P
550 KB



Starters and Fuses

More Detai

GE's starters and fuses include standard starters and plug, Edison, and cartridge fuses.

Download P
428 KB



SurgePro™

More Detai

Information on GE surge protection for sensitive electronic equipment.

Download P
489 KB



Switches

[More Detail](#)

Residential, commercial, emergency, and designer switches feature hassle-free wiring and rugged reliability.

[Download P](#)
709 KB

Taps and Adapters

[More Detail](#)

These devices are used to change a light socket/receptacle in order to accommodate another bulb/appliance.

[Download P](#)
1 MB

Timers

[More Detail](#)

Overview of standard timers.

[Download P](#)
604 KB

Video Accessories

[More Detail](#)

This catalog presents video cables, extenders, cable transformers, antenna converters and splitters.

[Download P](#)
209 KB

Wiring Aids

[More Detail](#)

These are the tools and accessories to help complete the job.

[Download P](#)
627 KB[Back to top](#)

Quick Search

[Advanced Search](#)

© 1997-2002 General Electric Company - USA

[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy Policy](#) | [Terms](#)

**GE Lighting North America**

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
[Literature Library](#) | [FAQ](#) | [Press Room](#)

*Lamp Products Catalog*

Literature Search



Choose another category

**(01) Front and Back Cover (Outer)**[More Detail](#)

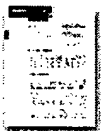
Welcome to the ever-expanding world of light!

[Download P](#)
2.55 MB**(02) Front and Back Cover (Inner)**[More Detail](#)

Welcome to the ever-expanding world of light!

[Download P](#)
136 KB**(03) Introduction**[More Detail](#)

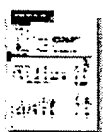
The Introduction summarizes all sections within the Lamp Products Catalog.

[Download P](#)
2.55 MB**(04) Incandescent**[More Detail](#)

Want to get to know the grandfather of bulbs? Find out more about the world's first practical electric bulb, incandescent, and access detailed product information here.

[Download P](#)
567 KB**(05) Halogen**[More Detail](#)

Halogen lamps provide a small, highly efficient white light source with excellent color rendering.

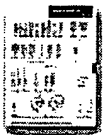
[Download P](#)
267 KB**(06) High Intensity Discharge**[More Detail](#)

HID lamps provide high efficacy, low operating costs, long life, and compact size.

[Download P](#)
360 KB

**(07) Fluorescent**[More Detail](#)

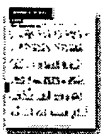
Fluorescent lamps provide low-operating costs, long life, quality of light, flexibility in choices, and instant-start options.

[Download P](#)
295 KB**(08) Compact Fluorescent**[More Detail](#)

Compact Fluorescent lamps provide cost savings, long life, high light output, excellent color rendering, and indoor or outdoor options.

[Download P](#)
275 KB**(09) Stage and Studio**[More Detail](#)

GE Lighting has been a leading supplier to Stage and Studio users for many decades.

[Download P](#)
402 KB**(10) Miniature and Sealed Beam**[More Detail](#)

GE Miniature and Sealed Beam lamps are designed for those applications requiring specific bulb size, voltage, and base.

[Download P](#)
367 KB**(11) Projection**[More Detail](#)

Projection lamps are designed for a wide variety of applications, extending beyond original picture-taking and audio-visual projection.

[Download P](#)
367 KB**(12) Appendix**[More Detail](#)

The Appendix provides a lamp-size guide, details for GE's Global Leadership program and sales offices, a glossary, hints on selecting the best color lamp, and data on color rendering and chromacity.

[Download P](#)
281 KB**Quick Search**

Select Section

Select Country

[Advanced Search](#)

© 1997-2002 General Electric Company - USA

[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy Policy](#) | [Terms](#)

**GE Lighting North America**

[Home Lighting](#) | [Business Lighting](#) | [Specifier/OEM](#) | [Lighting Institute](#) | [WhereToBuy](#) | [e-Catalog](#) | [Contact Us](#) | [Sea](#)
[Literature Library](#) | [FAQ](#) | [Press Room](#)



Literature Search



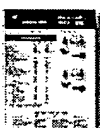
Choose another category



Product Sell Sheets

[Automotive](#) | [CFL](#) | [Fluorescent](#) | [HID](#) | [Halogen](#) | [Incandescent](#) | [LED](#)

Automotive



9011-HIR™ 1; 9012-HIR™ 2

[More Detail](#)

The 9011 and 9012 headlamp bulbs feature GE Lighting's exciting HIR™ technology.

[Download P](#)
24 KB

9145 H10

[More Detail](#)

Based on the 9005/9006 platforms, this robust 45W foglamp bulb is the latest in a distinguished line of GE Lighting foglamp bulbs.

[Download P](#)
46 KB

Arcstream™ D2R

[More Detail](#)

GE Lighting invented the metal halide light source... so who better to provide the automotive industry with the most revolutionary headlamp bulb since our invention of halogen technology!

[Download P](#)
29 KB

Arcstream™ D2S

[More Detail](#)

GE Lighting invented the metal halide light source... so who better to provide the automotive industry with the most revolutionary headlamp bulb since our invention of halogen technology!

[Download P](#)
26 KB[Back to top](#)

CFL



Biax® Lamps with Electronic Adaptor | 84431

[More Detail](#)

15- and 20-watt systems replace 60- and 75-watt incandescent bulbs. Economical adaptor lasts 4 bulb lives.

[Download P](#)
109 KB

Biax™ T/E 32W with Amalgam

[More Detail](#)



The ultra compact energy saving Biax™ T/E lamps with amalgam technology extend the application space of the innovative triple-tube design. They can be used both in closed luminaires and outdoor applications without significant light loss.

Download P
623 KB



Biax® T/E 42W | 85070

More Detail

The Biax T/E™ lamps deliver up to 80% more energy savings and last 12 times longer than most standard incandescent bulbs. Find out more.

Download P
610 KB



Double Biax™ 2-Pin & 4-Pin | 203-51027

More Detail

A full family of wattages and colors. Highly efficient... provides light output comparable to standard incandescent bulbs up to 100 watts.

Download P
111 KB



GE Compact Fluorescent Reflectors | 00225

More Detail

GE's exclusive glass design provides a significant advancement in the art and science of lighting...

Download P
395 KB



GE Genura® | 203-61002

More Detail

GE's exclusive breakthrough Genura® technology delivers a new, even smaller lamp design.

Download P
489 KB



High Lumen Biax® | 203-61002

More Detail

Compact, versatile lamps feature high light output, long life, excellent color and energy cost savings.

Download P
76.7 KB



High Output Biax™ | 71461

More Detail

Because of the latest product development from GE, compact fluorescent technology has been taken to new heights...high bay, canopy and retail ceilings.

Download P
224 KB



Lamp Locking Devices | 84545

More Detail

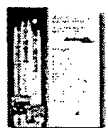
Protect your investment in compact fluorescents with these new locking devices.

Download P
90.5 KB

**Slimshell Biax®** | 89395[More Detail](#)

GE's exclusive Slimshell Biax® lamps offer slim body, big energy, savings...and long life!

[Download P](#)
363 KB[Back to top](#)

Fluorescent**Ecolux XL™** | 85040[More Detail](#)

The ultimate reduced-mercury T8 lamp, Ecolux XL™, has the longest life, best color, & most light over life.

[Download P](#)
295 KB**Ecolux™** | 84427[More Detail](#)

GE Ecolux™ lamps provide outstanding performance and pass the EPA toxicity test.

[Download P](#)
148 KB**Gold covRguard™** | 70599[More Detail](#)

The new GE Gold CovRguard™ lamps that filter ultraviolet emissions (UV) are now available in multiple diameters and lengths.

[Download](#)
159 KB**Mod-U-Line™** | 70647[More Detail](#)

Mod-U-Line™ is now available in 31 watts and has a 20,000 hour life

[Download P](#)
408 KB**Starcoat SXL™** | 70714[More Detail](#)

Super extra life. Superior savings.

[Download P](#)
675 KB**Starcoat XL™** | 85039[More Detail](#)

Extra life. Extra light. Extra color. Extraordinary cost savings.

[Download P](#)
496 KB

Starcoat™ | 84567[More Detail](#)



Introducing GE T8 Lamps with Starcoat™, a proprietary coating technology that gives GE F32T8 lamps the best color rendering and highest maintained light output of any standard T8 lamp.

Download P
696 KB

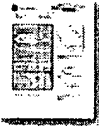


Starcoat™ HL - SPX30

More Detail

Starcoat™ HL - SPX30 addresses the need for high lumens and long life.

Download P
176 KB



Starcoat™ HL - SPX35

More Detail

Starcoat™ HL - SPX35 uses GE-exclusive starcoat technology.

Download P
176 KB



Starcoat™ HL - SPX41

More Detail

Starcoat™ HL - SPX41 provides 3100 lumens and 25,000 hours of life.

Download P
176 KB



T5 with Starcoat | 70657

More Detail

Discover GE's highest efficiency fluorescent lamp- the T5 with Starcoat.

Download P
979 KB



covRfresh™ | 70663

More Detail

GE's exclusive covRfresh™ lamps enhance the appearance of food...safely.

Download
562 KB

[Back to top](#)

HID



750W PulseArc™ | 70618

More Detail

The 750W PulseArc Multi-Vapor lamp is retrofit for 1000W metal halide, provides up to \$440 energy savings over lamp life, and has 33% longer life in general. Find out about 750W PulseArc multi-vapor lamps.

Download P
1 MB

Chroma Fit™ | 85486

More Detail

GE Chroma Fit™ Multi-Vapor® Lamps provide improved crisp white color without expensive



ballast or fixture changes.

Download P
426 KB



ConstantColor CMH™ | 70134

More Detail

GE ConstantColor CMH™ lamps combine crisp halogen-like color with HID efficiency.

Download P
514 KB



Ecolux® NC™ | 89146

More Detail

Lower disposal costs... Lower maintenance costs... One Lamp... Two solutions... The Ecolux® NC™ is a non-cycling, low mercury HPS lamps.

Download P
929 KB



GE 400-Watt ConstantColor CMH™ SPXX Lamps | 70712

More Detail

The 400-watt GE ConstantColor CMH™ SPXX metal halide lamp provides a brighter, cleaner, more 'color true' look.

Download P
540 KB



Lucalox® XL | 82754

More Detail

The GE Lucalox® Standby XL Lamp provides 67% longer life than standard HPS lamps and an instant light after power outage.

Download P
172 KB



MVR1500 SPORTSTAR | 70701

More Detail

The real performance is above the field with the GE SPORTSTAR 1500 watt lamp - designed for arenas, stadiums, fairgrounds, ballfields and convention centers.

Download
1 MB



StayBright™ | 70137

More Detail

GE StayBright™ has the highest maintained lumens of any CW/CWA system (22% more light over life), a high output 400-watt and Watt Miser® 360W versions, clear or coated.

Download
1.59 MB



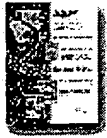
Watt Miser® MV® | 85073

More Detail

Watt Miser® MV® High Lumen Lamps save up to \$80 a socket by upgrading standard 175 watt and 400 watt metal halide lamps.

Download P
154 KB

[Back to top](#)

Halogen**Diamond Precise™** | 70697[More Detail](#)

GE introduces the Diamond Precise™ Compact Electronic Reflector — the perfect lamp for compact reflectors used in retail, commercial, museum and restaurant applications. It saves energy, provides long life and fits your existing accent fixtures.

[Download P](#)
300 KB**HIR Ultra™** | 70606[More Detail](#)

GE's HIR Ultra are the longest life Halogen PAR lamps made. They last three times longer than standard halogen.

[Download P](#)
292 KB**HIR XL™** | 89420[More Detail](#)

With its ultra long life, crisp white halogen light, and energy efficiency, the HIR Ultra XL™ Par is your choice for perfect color rendering and performance.

[Download P](#)
243 KB**Silv IR** | 70658[More Detail](#)

GE's exclusive Silv IR (silvered) halogen reflector has a 4,000-hour long life and 35% more efficiency at the same light output as standard HIR™ lamps.

[Download P](#)
4 MB[Back to top](#)

Incandescent**LongLife Reflector XL** | 89419[More Detail](#)

GE LongLife Reflector XL lamps deliver more light than standard reflector lamps and are highly efficient, requiring less maintenance.

[Download P](#)
172 KB**Survivor™ XL** | 82646[More Detail](#)

Survivor™ XL has the best combination of benefits to serve industrial and commercial use and is ideal for rough service applications.

[Download P](#)
241 KB[Back to top](#)

LED**12-Inch Arrow Traffic Signal** | 70871[More Detail](#)

The 12-Inch Arrow LED Traffic Signal delivers high energy efficiency and long life.

[Download P](#)
179 KB

**12-Inch Ball Traffic Signal Module** | 70870[More Detail](#)

The 12-Inch Ball LED Traffic Signal Module delivers high energy efficiency and long life.

[Download P](#)
106 KB**12X12 Pedestrian Traffic Signal Modules** | 70873[More Detail](#)

The 12X12 Pedestrian LED Traffic Signal Module delivers high energy efficiency and long life.

[Download P](#)
138 KB**16X18 Pedestrian Traffic Signal Modules** | 70873[More Detail](#)

The 16X18 Pedestrian LED Traffic Signal Module delivers high energy efficiency and long life.

[Download P](#)
168 KB**200mm and 300mm Traffic Signal Modules** | 70874[More Detail](#)

The 200mm and 300mm LED Traffic Signal Modules will reduce your overall operating and maintenance costs, while providing reliability, traffic safety, and compatibility with most traffic heads and controllers.

[Download P](#)
128 KB**5.5-Inch Railway Signal Modules** | 70903[More Detail](#)

The 5.5-Inch Railway LED Sign Modules provide high energy efficiency and long life.

[Download P](#)
497 KB**8-Inch Ball Traffic Signal Module** | 70872[More Detail](#)

The 8-Inch Ball LED Traffic Signal Module offers high energy efficiency and long life.

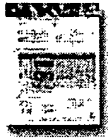
[Download P](#)
91.5 KB**8-Inch Railway LED Signal Module** | 70855[More Detail](#)

The 8-Inch Railway LED Traffic Signal Module offers high energy efficiency and long life.

[Download P](#)
752 KB**California Traffic Signals** | 70867[More Detail](#)

GELcore offers a comprehensive line of GE LED Signals for traffic signaling, lane control and pedestrian control applications.

[Download P](#)



115 KB

**Pedestrian Traffic Signal Module** | 70873[More Detail](#)

The Pedestrian LED Traffic Signal Module delivers high energy efficiency and long life.

[Download P](#)
199 KB**Product Reliability Test Protocol PT Class** | 70897[More Detail](#)

Find out about product reliability testing for the PT class.

[Download P](#)
509 KB**Product Reliability Test Protocol TL Class and SM Class** | 70899[More Detail](#)

Find out more about product reliability test results for the TL Class and the SM Class.

[Download P](#)
507 KB**RX11 12-Inch Ball Traffic Signal Module** | 70870[More Detail](#)

The 12-Inch Ball LED Traffic Signal Module delivers high energy efficiency and long life.

[Download P](#)
273 KB**RX11 8-Inch Ball Traffic Signal Module** | 70872[More Detail](#)

The 8-Inch Ball LED Traffic Signal Module delivers high energy efficiency and long life.

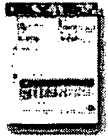
[Download P](#)
161 KB**Scandinavia Traffic Signal Module** | 70883[More Detail](#)

The Scandinavia LED Traffic Signal Module provides reliability for traffic safety, reduces overall operating and maintenance costs, and is compatible with most traffic heads and controllers.

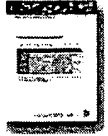
[Download P](#)
121 KB**Tetra™ Channel Lighting System Installation** | 70890[More Detail](#)

Learn all about how to install the LED Channel Lighting System.

[Download P](#)
1.41 MB

**Tetra™ Channel Lighting System Testing**[More Detail](#)

Find out about testing conducted on the LED Channel Lighting System for acceptable channel letter face materials.

[Download P](#)
128 KB**Tetra™ Channel Lighting System Testing**[More Detail](#)

Find out about quality, reliability, and performance testing for the LED Channel Lighting System.

[Download P](#)
128 KB**Tetra™ LED System Red-Red/Orange** | 92501[More Detail](#)

The Red-Red/Orange LED Channel Lighting System offers high energy efficiency and long life.

[Download](#)
535 KB**Total Performance System Warranty** | S-2001[More Detail](#)

GELcore, LLC is pleased to provide the following warranty for the periods shown in this document. This warranty covers GE Tetra™ LED components operated on a GE Tetra™ power supply.

[Download P](#)
69.3 KB[Back to top](#)**Quick Search**

Select Section

Select Country

[Advanced Search](#)

© 1997-2002 General Electric Company - USA

[Press Room](#) | [FAQ](#) | [GE.com](#) | [Careers](#) | [Privacy Policy](#) | [Terms](#)